

First worldwide manifesto against pseudosciences in health

Laws that spread these dangerous
practices in Europe

2750 signatories from 44 countries

Contents

1. Organization.....	1
2. Manifesto against pseudo-therapies	3
3. First signatories.....	7
4. Some data about the signatories	13
5. Other languages.....	17
Manifesto in Catalan	18
Manifesto in Deutsch.....	20
Manifesto in Dutch.....	23
Manifesto in Estonian.....	26
Manifesto in French	28
Manifesto in Galician.....	31
Manifesto in Italian	34
Manifesto in Portuguese.....	37
Manifesto in Russian	40
Manifesto in Spanish	43
References.....	46

6. Complete list of signatories	47
Argentina	47
Australia	48
Austria	48
Belgium	49
Denmark	53
Estonia	55
France	55
Germany	64
Italy	67
Netherlands	70
Poland	74
Portugal	75
Spain	84
Switzerland	111
United Kingdom	112
United States	114
Signers from other countries	115



1. ORGANIZATION

This manifesto was organized with the help of people who belong to more than thirty worldwide scientific or skeptical associations from more than twenty countries. Between the organizations who help to coordinate the manifesto, we have:

- Association to Protect the Sick of Pseudoscientific Therapies: APETP – Spain
- Association of Pharmacists in Favor of Scientific Evidence – Spain
- Collectif Fakemed – France
- Comunidade Céptica Portuguesa: COMCEPT – Portugal
- Good Thinking Society – United Kingdom
- Red UNE – Spain
- Society for the Advancement of Critical Thinking: ARP-SAPC– Spain
- Skeptical Circle of Spain – Spain
- Healthwatch United – Kingdom
- Skeptica – Denmark

For more information or to get in touch with some of the organizers worldwide, you can contact with Fernando Cervera Rodríguez at: fernando.cervera.87@gmail.com

The goals of this initiative are:

1. To gather a large number of scientists and health professionals who make it clear that neither the scientific nor health sector support the practices which are in contradiction to scientific evidence.
2. Raise awareness in the media about the problem of pseudotherapies and the position of the scientific community against them.
3. Bring the fight against these practices to a world-wide arena, since many of the laws and problems that affect patients due to pseudotherapies are larger in scope than the countries hosting the skeptics associations

The name and education of the signatories in this document will be transmitted to media, although to contact them, their agreement will be required.



2. MANIFESTO AGAINST PSEUDO-THERAPIES

Let's be clear: pseudoscience kills. And they are being used with total impunity thanks to European laws that protect them.

They kill thousands of people, with names and families. People such as Francesco Bonifaz, a 7-year-old boy whose doctor prescribed homeopathy instead of antibiotics. He died in Italy¹. People like Mario Rodríguez, who was 21 years old and was told to use vitamins to treat his cancer. He died in Spain². People like Jacqueline Alderslade, a 55-year-old woman whose homeopath told her to stop taking her asthma medication. She died in Ireland³. People like Cameron Ayres, a 6-month-old baby, whose parents did not want to give their child “scientific medicine”. He died in England⁴. People like Victoria Waymouth, a 57-year-old woman who was prescribed a homeopathic medication to treat her heart problem. She died in France⁵. People like Sofia Balyaykina, a 25-year-old woman, who had a cancer that was curable with chemotherapy but was recommended an “alternative treatment”, a mosquito bite treatment. She died in Russia⁶. People like Erling Møllehave, a 71-year-old man whose acupuncturist pierced and damaged his lung with a needle. He died in Denmark⁷. People like Michaela Jakubczyk-Eckert, a 40-year-old woman whose therapist recommended the German New

¹ Homeopathy boy died of encephalitis. Redazione ANSA, 2017.

http://www.ansa.it/english/news/general_news/2017/05/29/homeopathy-boy-died-of-encephalitis-3_13e02493-4e62-4787-9162-12d831121ef6.html

² Grieving dad sues over ‘cure cancer with vitamins’ therapy, The local. Emma Anderson, 2016.

<https://www.thelocal.es/20160412/grieving-father-sues-naturopath-over-son-cure-cancer-vitamins-leukaemia>

³ Asthmatic ‘told to give up drugs’. The Irish News, 2001.

<https://www.independent.ie/irish-news/asthmatic-told-to-give-up-drugs-26063764.html>

⁴ Homeopaths warn of further tragedies. BBC News, 2000.

<http://news.bbc.co.uk/2/hi/health/702699.stm>

⁵ Alternative cure doctor suspended. BBC News, 2007.

http://news.bbc.co.uk/2/hi/uk_news/england/london/6255356.stm

⁶ Футболист рассказал трагичную историю жены. Она умерла от рака в 25 лет. Sport24, 2018.

<https://sport24.ru/news/football/2018-08-28-futbolist-rasskazal-tragichnuyu-istoriyu-zheny-ona-umerla-ot-raka-v-25-let>

⁷ Mand døde efter akupunktur – enke vil nu lægge sag an mod behandleren, TV2, 2018.

<http://nyheder.tv2.dk/samfund/2018-01-23-mand-doede-efter-akupunktur-enke-vil-nu-laegge-sag-an-mod-behandleren>

Medicine to treat her breast cancer. She died in Germany⁸. People like Sylvia Millemcam, a 45-year-old woman whose New Age healer promised to cure her cancer. She died in the Netherlands⁹.

European directive 2001/83/CE has made –and still makes– possible the daily deception of thousands of hundreds of European citizens¹⁰. Influential lobbyists have been given the opportunity to redefine what a medicine is, and now they are selling sugar to sick people and making them believe it can cure them or improve their health. This has caused deaths and will continue to do so until Europe admits an undeniable truth: scientific knowledge cannot yield to economic interests, especially when it means deceiving patients and violating their rights.

Europe is facing very serious problems regarding public health. Over-medication, multi-resistant bacteria and the financial issues of the public systems are already grave enough, without the additional problem of gurus, fake doctors or even qualified doctors claiming they can cure any disease by manipulating chakras, making people eat sugar or using “quantic frequencies”. Europe must not only stop the promotion of homeopathy but also actively fight to eradicate public health scams. More than 150 pseudo-therapies have been identified as being in use throughout Europe. Thousands of citizens lives depend on this being prevented. In fact, according to a recent research, 25.9 % of Europeans have used pseudo-therapies last year. In other words, 192 million patients have been deceived¹¹.

Some believe there is a conflict between freedom of choice for a treatment and the removal of pseudo-therapies, but this is not true. According to article 25 of the Universal Declaration of Human Rights, every person has a right to medical care. Lying to patients in order to sell them useless products that could kill them breaks their right to correct information about their health. This way, even if a citizen has a right to refuse medical treatment when he or she is properly informed, it is also true that nobody has the right to lie to obtain profit at the expense of someone else’s life. Only in a world in which lying to a sick



⁸ *The price of refusing science-based medical and surgical therapy in breast cancer*, Science Blogs, 2012.
<https://scienceblogs.com/insolence/2012/08/30/the-price-of-refusing-science-based-medical-and-surgical-therapy-in-breast-cancer>

⁹ *Psychic ‘misled actress to hopeless cancer death’*. Expatica. 2004.
http://web.archive.org/web/20070208144309/http://www.expatica.com/actual/article.asp?subchannel_id=19&story_id=4821

¹⁰ Directive 2001/83/EC of the European Parliament and of the Council of 6 November 2001.
https://ec.europa.eu/health/sites/health/files/files/eudralex/vol-1/dir_2001_83_consol_2012/dir_2001_83_cons_2012_en.pdf

¹¹ Use of complementary and alternative medicine in Europe: Health-related and sociodemographic determinants. Scandinavian Journal of Public Health. Laura M. Kemppainen et al. 2018.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5989251/>

person would be considered ethical, could homeopathy —or any other pseudo-therapy— be allowed to continue to be sold to citizens.

Effective treatments being replaced by false ones is not the only danger of pseudo-therapies. Obvious delays in therapeutic care occur when a person gets false products instead of medication at the early stages of a disease. Many times, it is then too late by the time they get treated with proper medicine. Moreover, several of these practices have serious effects on their own and may cause damage or even death because of their side effects.

Many pseudo-therapists argue that “the other medicine” comes with side effects as well, which is indeed true. However, the difference resides in that pseudo-therapies cannot cure a disease or improve your health, and because of that patients assume risks in exchange of promises that are a scam, according to the full weight of the scientific evidence available. Lying to a sick person is not another type of medicine, it is simply lying to a sick person.

Every country has to face the pseudo-therapies issue in its own ways. Yet it is not acceptable that European laws protect the distortion of scientific facts so that thousands of citizens can be deceived or even lead to their deaths.

We, the signatories of this manifest, therefore declare that:

1. Scientific knowledge is incompatible with what pseudo-therapies postulate, as in the case of homeopathy.
2. European laws that protect homeopathy are not acceptable in a scientific and technological society that respects the right of the patients not to be deceived.
3. Homeopathy is the best known pseudo-therapy, but it is not the only one nor the most dangerous one. Others, such as acupuncture, reiki, German New Medicine, iridology, biomagnetism, orthomolecular therapy and many more, are gaining ground and causing victims.
4. Measures must be taken to stop pseudo-therapies, since they are harmful and result in thousands of people being adversely affected.
5. Europe needs to work towards creating legislation that will help stop this problem.

Europe being concerned about the misinformation phenomena but at the same time protecting one of the most dangerous types of it, health misinformation, is just not coherent. This is why the people signing this manifesto urge the governments of European countries to end a problem in which the name of science is being used falsely and which has already cost too many lives.





3. FIRST SIGNATORIES

Between the **2750 signatories** who belong to **44 countries**, these first 30 are a good representation of the aim and capacitation of the signatories of the manifesto.

1

Ricardo Mexia
Physician, Portugal

President of the National Association of Public Health Doctors from Portugal. Professor at the Faculty of Medicine of the University of Lisbon and in the Department of Biomedical Sciences and Medicine of the University of Algarve.

2

Karmen Joller
Physician, Estonia

Advocate for evidence-based medicine in Estonia. Doctor of the Year (of Estonia) 2017. Board member of Estonian Society of Family Doctors. Board member of Estonian Doctors' Association.

3

Johannes Köbberling
Physician, Germany

Former President of the German Society of Internal Medicine and the European Congress of Internal Medicine. Member of the Drug Commission of the German Medical Association. He works in the Evidenzbasierte Medizin (EbM) network.

4

Bernhard-Michael Mayer
Pharmacist, Austria

Professor and Chair in Pharmacology and Toxicology at the Department of Pharmaceutical Sciences, University of Graz.

5

Louis Ide

Physician, Belgium

Former vice-president of the Belgian Senat. Secretary-general of N-VA (political group). Studied clinical pathology, tropical medicine and mycology. Elected member of the European Parliament in the 2014 elections.

6

Trine Maria Mejnert Jorgensen

Physician, Denmark

Specialist in vascular surgery. PhD in vascular surgery and still work with research within this field.

7

Arnold van Emmerik

Psychologist, Netherlands

President of the Dutch Association for Behavioural and Cognitive Therapies. Researcher and teacher in Clinical Psychology at the University of Amsterdam.

8

Tomasz Witkowski

Psychologist, Poland

PhD in psychology at the University of Wrocław. Former Research Associate at the Institute of Psychology at the University of Wrocław and the Wrocław Faculty of Social Sciences. He conducted research on social psychology and motivation at the universities of Bielefeld and Hildesheim.

9

Iria Uhía Castro

Pharmacist, Spain

PhD in Molecular Microbiology (Complutense University and CIB-CSIC, Madrid), postdoctoral positions at CIB-CSIC, Madrid and Imperial College London, London. Currently working at the Spanish Agency of Medicines and Medical Devices, AEMPS.

10

Pascal Diethelm

Economist, Switzerland

Former staff member of the World Health Organization, specialized in public health, notably in tobacco control. He has studied extensively the pseudo-science and fake-science produced by researchers paid by the tobacco industry to support its commercial interest.

11

Edzard Ernst

Physician, United Kingdom

Former researcher specialized in the study of complementary and alternative medicine. He was formerly Professor of Complementary Medicine at the University of Exeter, the first such academic position in the world.

12

François Leulier

Biologist, France

Currently Research Director at Centre National de la Recherche Scientifique (CNRS, France). Deputy director of the Institut de Génomique Fonctionnelle de Lyon at ENS de Lyon.

13

Francis Galaway
Biologist, United Kingdom

PhD in Biochemistry with six years of postdoctoral research at the Wellcome Trust Sanger Institute. His work includes projects on the origins of malaria in humans, how parasites invade our cells and how to block them with drugs, the communication between cells, and the role of mutations in disease.

14

Maurizio Dapor
Physicist, Italy

Head of the Interdisciplinary Laboratory for Computational Science (LISC) at the European Centre for Theoretical Studies in Nuclear Physics and Related Areas (ECT) (Trento). National Scientific Habilitation to Full Professor in Theoretical Physics of Matter and in Experimental Physics of Matter.

15

Jacques Milliez
Physician, France

Former Professor of the Universities of Paris VI, Head of the Obstetric Gynecology Department at Saint Antoine Paris Hospital, 2006-2009. President of the Ethics Committee of the International Federation of Obstetric Gynecology FIGO, member of the Royal College of Obstetricians and Gynecologists, RCOG, London. Member of the National Academy of Medicine, of the National Academy of Surgery.

16

Philippe Vandekerckhove
Physician, Belgium

CEO of the Belgian Red Cross, research on blood platelets and on evidence-based practice.

17

Francesco Pata
Physician, Italy

General surgery specialist involved in international research work on colorectal surgery and emergency surgery. Founder of the ItSurg, the first surgical research team for residents and students in Italy. Co-Coordinator of EuroSurg, the first pan-European research team in surgery for medical students.

18

Alan Tennyson
Psychologist, Ireland

Former secretary of the Division of Behaviour Analysis, of the Psychology Society of Ireland. His current work is to treat challenging behaviour in children diagnosed with intellectual disabilities, including autism.

19

Timothy Zammit
Mathematician, Malta

Deputy chairperson, treasurer and membership secretary of SICEC (Society for Investigating the Credibility of Extraordinary Claims) based in Malta.

20

William M. London
Biologist, United States

Professor in the Department of Public Health at California State University, Los Angeles. Editor of the Quackwatch's Consumer Health Digest. Writer on the Skeptical Inquirer. His main area of study is medical pseudoscience.

21

Natalia Pasternak
Biologist, Brazil

President of the first Brazilian institute for the promotion of public policies based on scientific evidence, the Instituto Questão de Ciência. She writes about popular science and pseudosciences in the newspaper O Globo.

22

Olivier Bernard
Pharmacist, Canada

His main activity is science communication. He hosts a show in the Canadian television, Les aventures du pharmacien, denouncing ineffective or dangerous treatments.

23

María Paz Bertoglia Arredondo
Epidemiologist, Chile

Vice president of the Chilean Society of Epidemiology and member of the advisory committee on Immunizations of the Chilean Society of Infectology.

24

Sanal Edamaruku
Journalist, India

Indian television host and skeptic. He is the president and founder of the Rationalist International organization and is also the president of the Indian Rationalist Association. Fellow of Committee for Skeptical Inquiry (Center for Inquiry, USA), Honorary associate of Rationalist Association, UK, Honorary associate of New Zealand Association of Rationalists and Humanists. Political refugee in Finland persecuted for defending critical thinking.

25

El idrissi Slitine
Physician, Morocco

University professor at the Faculty of Medicine of Marrakech in Morocco. Teach pediatric cardiology and neonatology and practice medicine at the Mohammed VI University Hospital in Marrakesh.

26

Luis Beas
Physician, Mexico

Editor-in-Chief of the Mexican Urology Journal of the Mexican Society of Urology.

27

Evgeny Alexandrov
Physician, Russia

Academician of the Russian Academy of Sciences. Head of the laboratory of the Physicotechnical Institute (St. Petersburg) and the Chairman of the Commission of the Russian Academy of Sciences to combat pseudoscience.

28

Giacomo Bertacchi
Physician, United Arab Emirates

Consultant General and Breast Radiologist at Sheikh Shakhboub Medical City (in partnership with Mayo Clinic), Abu Dhabi. Teacher at Abu Dhabi Radiology Residency Program.

29

Humberto López-Fernández
Physician, Venezuela

Exclusive dedication breast surgeon, specializing in breast cancer - President Venezuelan Institute of Mastology - Librarian Board of Directors of the Venezuelan Mastology Society.

30

Luis María Norberto Ferrucci
Physician, Argentina

Specialist in Pneumology, Former President of the Society of Pneumology of Córdoba, University Professor in Medicine.





4. SOME DATA ABOUT THE SIGNATORIES

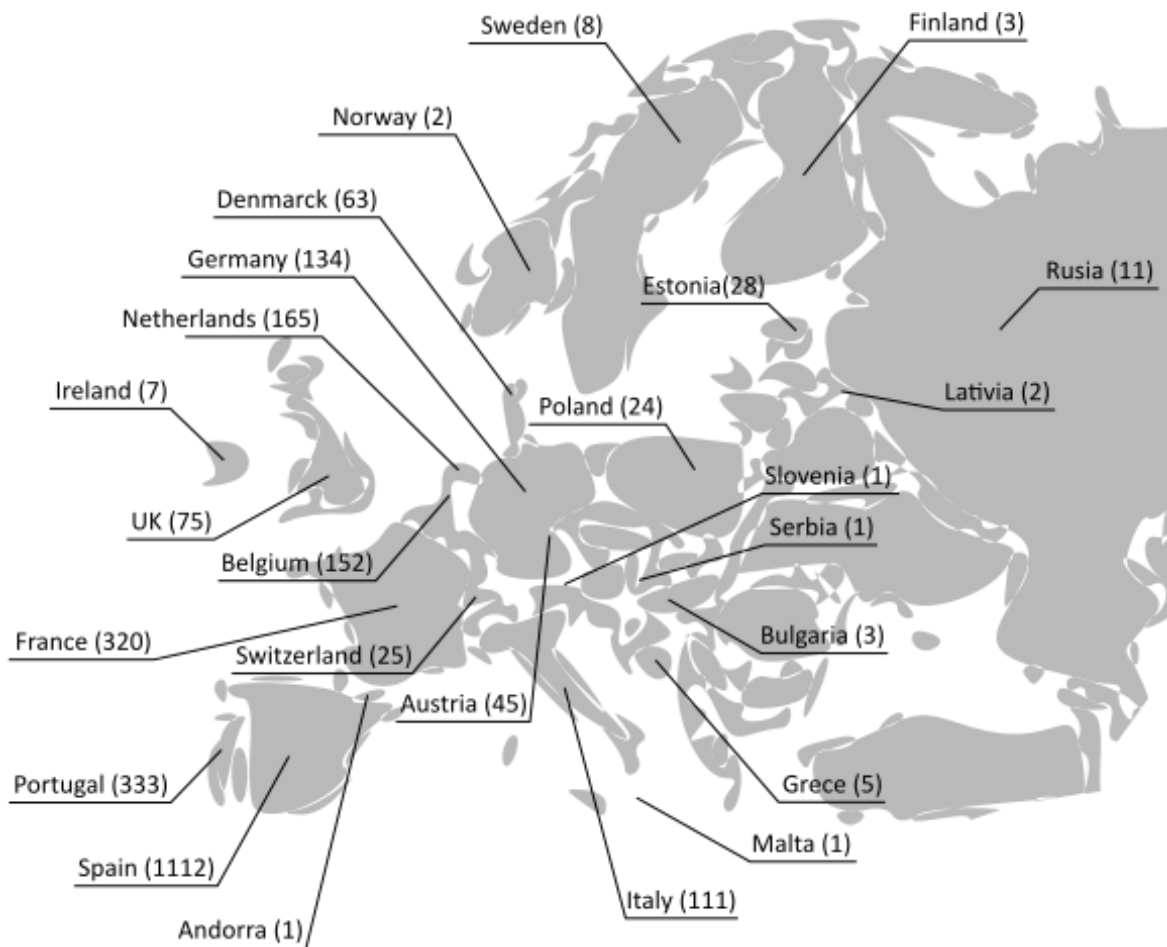


Figure 1: Signatories in Europe



Figure 2: Signatories in America and Africa

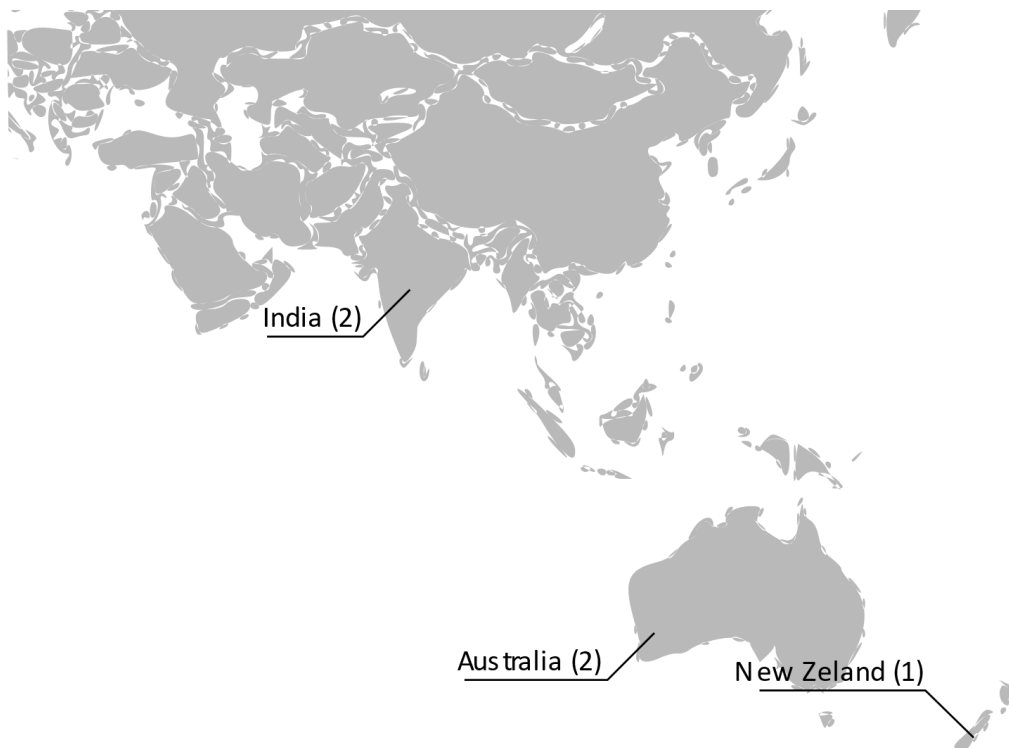


Figure 3: Signatories in Asia and Australia

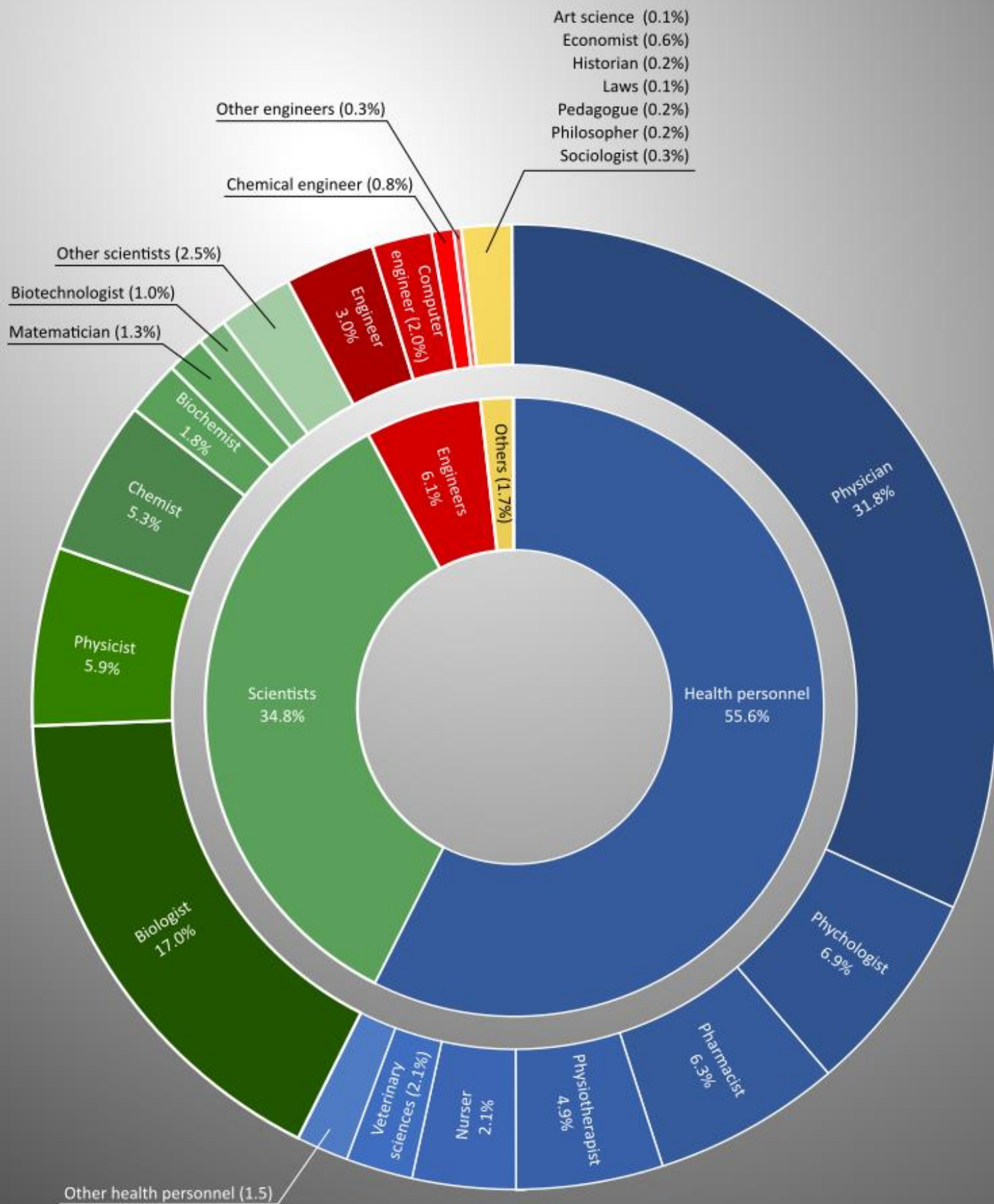


Figure 4: Signatories per studies

5. OTHER LANGUAGES



MANIFESTO IN CATALAN

Siguem clars: les pseudociències maten. I no només això, sinó que són practicades amb impunitat gràcies a lleis europees que les protegeixen.

Maten a milers de persones, amb noms i cognoms. Com Francesco Bonifaz, de 7 anys, a qui el seu metge li va donar homeopatia en lloc d'antibiòtics. Va morir a Itàlia [1]. Com Mario Rodríguez, de 21 anys, que va ser tractat amb vitamines per al seu càncer. Va morir a Espanya [2]. Com Jacqueline Alderslade, de 55 anys, un homeòpata li va dir que deixara la seua medicació per l'asma. Va morir a Irlanda [3]. Com Cameron Ayres, de 6 mesos, els seus pares no van voler donar-li "medicina científica". Va morir a Anglaterra [4]. Com Victòria Waymouth, de 57 anys, a ella li van receptar un medicament homeopàtic per tractar els seus problemes cardíacs. Va morir a França [5]. Com Sofia Balyaykina, de 25 anys, que tenia un càncer curable amb quimioteràpia, però li van recomanar un "tractament alternatiu" de picades de mosquits. Va morir a Rússia [6]. Com Erling Møllehave, de 71 anys, en el seu cas un acupuntor li va travessar el pit amb una agulla i va danyar el seu pulmó. Va morir a Dinamarca [7]. Com Michaela Jakubczyk-Eckert, de 40 anys, un terapeuta li va recomanar la Nova Medicina Germànica per tractar el seu càncer de pit. Va morir a Alemanya [8]. Com Sylvia Millicam, de 45 anys, la seua guaridora de la Nova Era li va prometre curar el seu càncer. Va morir als Països Baixos [9].

La directiva europea 2001/83 / CE ha permès —i encara permet— que centenars de milers de ciutadans europeus siguin enganyats diàriament. [10] Se'ls ha ofert a importants lobbies la possibilitat de redefinir què és un medicament, i ara venen sucre a persones malaltes i els fan creure que pot curar-los o millorar la seua salut. Això ha ocasionat morts, i ho seguirà fent, fins que Europa admeta una realitat indiscutible: el coneixement científic no pot doblegar-se davant els interessos econòmics d'uns quants, sobretot si això implica enganyar pacients i vulnerar els seus drets.

Europa s'enfronta a altres problemes de salut pública molt seriosos. La medicalització excessiva de la població, la generació de bacteris multiresistents o els problemes de finançament dels sistemes públics de sanitat ja són massa greus com per afegir, a més, la presència de gurus, falsos metges o fins i tot metges titulats que diuen poder curar el càncer (o qualsevol altra malaltia) manipulant *chakras*, menjant sucre o aplicant "freqüències quàntiques". Europa no només ha

d'aturar el foment de l'homeopatia, sinó que ha de lluitar de manera activa per eradicar les estafes de salut pública que impliquen les més de 150 pseudoteràpies presents al nostre territori. La vida de milers de ciutadans depèn d'això. De fet, segons estudis recents [11], el 25.9% dels europeus han utilitzat pseudoteràpies en l'últim any, és a dir, 192 milions de pacients enganyats.

Hi ha la creença que hi ha un conflicte entre la llibertat d'elecció d'un tractament mèdic i l'eliminació de pseudoteràpies, però no és cert. Segons l'article 25 de la Declaració Universal dels Drets Humans, tota persona té dret a l'assistència mèdica. Mentir als malalts per vendre'ls productes inservibles que poden matar-los incompleix el dret dels ciutadans a rebre informació veraç sobre la seua salut. Així que, encara que un ciutadà té dret a renunciar a un tractament mèdic estant correctament informat, també és cert que ningú té dret a dir-li mentides per obtenir lucre econòmic a costa de la seua vida. Només en un món on consideréssim que mentir a un malalt per obtenir els seus diners fora ètic, podríem permetre que es segueixi venent homeopatia —o qualsevol altra pseudoteràpia— als ciutadans.

El perill de les pseudociències no només està en la substitució de tractaments efectius per altres enganyosos. A més, hi ha un obvi retard en l'atenció terapèutica en tots aquells malalts que, davant els primers signes d'una malaltia, reben productes falsos en lloc de medicaments. Moltes vegades, quan arriben a la medicina, ja és massa tard. També, diverses d'aquestes pràctiques tenen efectes greus per si mateixes i poden produir danys, i fins i tot la mort, a causa dels seus efectes secundaris.

Molts pseudoterapeutes argumenten que les pràctiques de "l'altra medicina" també tenen efectes secundaris, i és veritat. Però la diferència és que les pseudoteràpies no poden curar o millorar una malaltia, assumint el pacient un risc a canvi de promeses que, amb tot el pes de l'evidència científica, són un engany. Mentir a un malalt no és un altre tipus de medicina, és mentir a un malalt.

Cada país ha d'enfrontar-se al problema de les pseudoteràpies a la seua manera. No obstant això, no és admissible que les lleis europees emparen la tergiversació de la realitat científica perquè milers de ciutadans siguin enganyats, i fins i tot morin.

Així doncs, els signants d'aquest manifest declaren que:

1. El coneixement científic és incompatible amb els postulats de les pseudoteràpies, com el cas de l'homeopatia.
2. Les lleis europees que protegeixen i emparen l'homeopatia són inadmissibles en una societat científicotecnològica que respecta el dret dels pacients a no ser enganyats.
3. L'homeopatia és la pseudoteràpia més coneguda, però no és l'única, ni tampoc la més perillosa. Altres com l'acupuntura, el *reiki*, la Nova Medicina Germànica, el biomagnetisme, la iridologia, la teràpia ortomolecular i un llarg etcètera, estan guanyant terreny i causant víctimes.
4. Cal prendre mesures per frenar les pseudoteràpies perquè no són innòcues i produeixen milers d'afectats.
5. Europa ha de treballar en la direcció de crear lleis que ajuden a aturar aquest problema.

No és coherent que des d'Europa s'elevi la preocupació pel fenomen de la desinformació i alhora s'empare un dels seus tipus més perillosos: la desinformació en temes de salut. Per tot això, les persones que signen aquest manifest animen els governs dels països als quals pertanyen a posar fi a un problema que utilitza falsament el nom de la ciència i que ja li ha costat la vida a massa gent.



MANIFESTO IN DEUTSCH

Um es deutlich zu sagen: Pseudomedizin tötet. Und sie kann völlig straffrei betrieben werden, dank der europäischen Gesetzgebung, die sie unter Schutz stellt.

Sie tötet Tausende von Menschen, die Namen und Familien haben. Menschen wie Francesco Bonifaz, ein siebenjähriger Junge, dessen Arzt Homöopathika statt Antibiotika verschrieben hatte. Er starb in Italien [1]. Menschen wie Mario Rodríguez; er war 21 Jahre alt, als ihm geraten wurde, seinen Krebs mit Vitaminen zu behandeln. Er starb in Spanien [2]. Menschen wie Jacqueline Alderslade, eine 55-jährige Frau, der ihr Homöopath riet, ihre Asthma-Medikamente nicht mehr zu nehmen. Sie starb in Irland [3]. Menschen wie Cameron Ayres, ein sechs Monate altes Baby, dem seine Eltern keine „wissenschaftliche Medizin“ geben wollten. Er starb in England [4]. Menschen wie Victoria Weymouth, eine 57-jährige Frau, der homöopathische Mittel für ihre Herzprobleme verordnet wurden. Sie starb in Frankreich [5]. Menschen wie Sofia Balyaykina, eine 25-jährige Frau, die an einem mit Chemotherapie heilbaren Krebs erkrankt war, der aber eine „alternative Therapie“ empfohlen wurde, eine Mückenstichtherapie. Sie starb in Russland [6]. Menschen wie Erling Møllehave, ein 71-jähriger Mann, dem sein Akupunkteur mit einer Nadel in die Lunge stach und sie verletzte. Er starb in Dänemark [7]. Menschen wie Michaela Jakubczyk-Eckert, eine 45-jährige Frau, deren Therapeut ihr zur Behandlung ihres Brustkrebses die Germanische Neue Medizin empfahl. Sie starb in Deutschland [8]. Menschen wie Sylvia Millicam, eine 45-jährige Frau, deren New-Age-Heiler ihr versprach, ihren Krebs heilen zu können. Sie starb in den Niederlanden [9].

Die Europäische Direktive 2001/83/CE ermöglichte – und tut es bis heute -, dass jeden Tag Hunderte und Tausende europäischer Bürgern getäuscht werden können [10]. Einflussreiche Interessengruppen bekamen die Möglichkeit, neu zu definieren, was ein Arzneimittel ist, und jetzt verkaufen sie Zucker an kranke Menschen und vermitteln ihnen die Überzeugung, dass sie davon geheilt werden könnten oder einen gesundheitlichen Nutzen hätten. Dies hat zu Todesfällen geführt und wird es weiterhin tun, bis Europa die unwiderlegbare Tatsache zugibt: Wissenschaftliche Erkenntnis darf sich nicht ökonomischen Interessen unterordnen, besonders, wenn dies bedeutet, Patienten zu täuschen und ihre Rechte zu verletzen.

Europa hat derzeit viele ernsthafte Probleme im Gesundheitssystem. Übertherapien, multiresistente Keime oder die finanziellen Schwierigkeiten sind bereits schwerwiegend genug, und man braucht nicht zusätzlich noch Wunderheiler, Heilpraktiker und sogar approbierte Ärzte, die behaupten, sie könnten jede Krankheit durch Manipulation der Chakren heilen, die Menschen Zucker einnehmen lassen oder „Quantenfrequenzen“ anwenden. Europa muss nicht nur die Förderung der Homöopathie beenden, sondern muss auch aktiv den Patientenbetrug im öffentlichen Gesundheitswesen bekämpfen, der in unserem Gebiet mehr als 150 pseudomedizinische Therapien betrifft. Tausende von Menschenleben hängen davon ab. Tatsächlich haben nach aktuellen Untersuchungen 25,9 % der Europäer im letzten Jahr Therapien der Pseudomedizin genutzt. Mit anderen Worten: 192 Millionen Menschen wurden betrogen [11].

Manche Leute sind der Auffassung, dass die Therapiefreiheit im Widerspruch zu der Bekämpfung der Pseudomedizin stehe, aber dies trifft nicht zu. Nach Artikel 25 der UN-Deklaration der Menschenrechte hat jeder Mensch einen Anspruch auf medizinische Versorgung. Patienten zu belügen, um ihnen nutzlose Produkte zu verkaufen, was zum Tode führen kann, verletzt ihr Recht auf zutreffende Information zu ihrer Gesundheit. Daraus folgt, dass jeder Mensch das Recht hat, eine Therapie aufgrund zutreffender Information abzulehnen, aber ebenso, dass niemand das Recht hat, mittels Lügen Profit auf Kosten des Lebens anderer Menschen zu ziehen. Es ist unethisch, Homöopathie oder sonstige Pseudomedizin an kranke Menschen zu verkaufen, so als könnten damit ihre Gesundheitsprobleme wirksam behandelt werden.

Dass wirksame Therapien durch unwirksame ersetzt werden können, ist nicht die einzige Gefahr der Pseudomedizin. Ganz offensichtlich kommt es zu Therapieverzögerungen, wenn jemand in einem frühen Krankheitsstadium unwirksame Produkte anstelle von Arzneimitteln erhält. Oftmals ist es dann schon zu spät, wenn eine wirksame Therapie begonnen wird. Weiterhin haben einige dieser Praktiken eigene ernsthafte Nebenwirkungen, die zu Verletzungen oder gar zum Tod führen können.

Viele Pseudomediziner argumentieren, dass bei „der anderen Medizin“ ebenfalls Nebenwirkungen auftreten, was sicher zutreffend ist. Jedoch besteht der Unterschied darin, dass die Pseudomedizin keine Krankheit heilen oder die Gesundheit verbessern kann, und dass Patienten daher Risiken zugunsten von Heilsversprechen eingehen, die sich nach aller wissenschaftlichen Evidenz als Humbug erweisen. Kranke Menschen zu belügen ist keine andere Art von Medizin, sondern schlicht ein Belügen von kranken Menschen.

Jedes Land muss das Problem der Pseudomedizin auf seine eigene Weise angehen. Dennoch ist es nicht zu akzeptieren, dass die europäische Gesetzgebung das Verdrehen wissenschaftlicher Tatsachen schützt, wodurch Tausende ihrer Bürger getäuscht und sogar zu Tode gebracht werden können.

Wir, die Unterzeichner dieses Manifestes, erklären daher:

1. Die wissenschaftliche Erkenntnis ist unvereinbar mit den Postulaten der Pseudomedizin, wie im Fall der Homöopathie.
2. Europäische Gesetze, die die Homöopathie schützen, sind in einer auf Wissenschaft und Technik beruhenden Gesellschaft nicht akzeptabel, in der die Rechte der Patienten darauf, nicht betrogen zu werden, respektiert werden.
3. Homöopathie ist die bekannteste Pseudomedizin, aber nicht die einzige oder die gefährlichste. Andere, wie Akupunktur, Reiki, Germanische Neue Medizin, Irisdiagnostik,

Bioresonanz, orthomolekulare Therapie und viele andere breiten sich vermehrt aus und fordern ihre Opfer.

4. Es müssen Maßnahmen ergriffen werden, die Pseudomedizin zu stoppen, denn sie ist nicht harmlos und führt zur Schädigung von Tausenden von Patienten.
5. Europa muss daran arbeiten, eine Gesetzgebung aufzubauen, die hilft, dieses Problem zu beseitigen.

Dass Europa sich einerseits besorgt über das Phänomen der Falschnachrichten zeigt, gleichzeitig aber die gefährlichsten davon, gesundheitliche Fehlinformationen, schützt, passt nicht zusammen. Deshalb fordern die Unterzeichnenden dieses Manifests von den Regierungen der europäischen Länder, das Problem zu beenden, in dem man sich fälschlicherweise auf die Wissenschaft bezieht und das schon zu viele Menschen das Leben gekostet hat.



MANIFESTO IN DUTCH

Pseudowetenschappen zijn dodelijk, laat daar geen misverstand over bestaan. En ze worden volkomen straffeloos toegepast, dankzij beschermende wetten.

Ze doden duizenden mensen die met naam en toenaam bekend zijn. Mensen zoals Bonifaz, een jongetje van zeven. De dokter schreef homeopathie voor, in plaats van antibiotica. Hij stierf in Italië. [1] Mensen als Mario Rodríguez, 21 jaar oud. Hem werd gezegd vitamines te gebruiken om zijn kanker te genezen. Hij stierf in Spanje. [2] Mensen als Jacqueline Alderslade. Zij was 55 en haar homeopaat zei haar dat ze haar medicijn tegen astma niet meer moest gebruiken. Ze stierf in Ierland. [3] Mensen als baby Cameron Ayres (zes maanden). Zijn ouders wilden hun kind geen 'wetenschappelijke geneesmiddelen' geven. Hij stierf in Engeland. [4]. Mensen als Victoria Waymouth (57). Ze kreeg homeopathische medicatie voorgeschreven voor haar hartkwaal. Ze stierf in Frankrijk. [5] Mensen als Sofia Balyaykina (25). Ze had een vorm van kanker die goed met chemotherapie behandeld kan worden. Ze kreeg een 'alternatieve behandeling; bestaande uit muggenbeten. Ze stierf in Rusland. [6] Mensen als Erling Møllehave, een man van 71, wiens acupuncturist in zijn longen prikte. Hij stierf in Denemarken. [7] Mensen als Michaela Jakubczyk-Eckert, een vrouw van 40. Haar therapeut propageerde de Nieuw Duitse Geneeskunde voor haar borstkanker. Ze stierf in Duitsland. [8] Mensen als de actrice Sylvia Millecam, die onder leiding van een New Age genezeres genezing zocht voor borstkanker. Ze stierf in Nederland, op 45-jarige leeftijd [9].

De Europese richtlijn 2001/83/CE regelt de productie, controle en verkoop van geneesmiddelen, maar maakt uitzonderingen voor homeopathische middelen [10]. Machtige lobby's hebben inspraak gehad in de definitie wat een geneesmiddel is, en die verkopen nu suiker aan zieke mensen, en doen ze geloven dat ze daar beter van kunnen worden, of dat hun gezondheid erop vooruit gaat. Dit heeft doden veroorzaakt, en zal dat blijven doen totdat Europa de waarheid onder ogen ziet: wetenschappelijke kennis mag niet buigen voor economische belangen, zeker niet als dat betekent dat patiënten bedrogen worden en dat hun rechten geschonden worden.

Europa heeft te maken met ernstige problemen in de gezondheidszorg. Zo heb je overmedicalisatie, multiresistente bacteria, en er zijn problemen met financiering. Die problemen zijn al ernstig genoeg, en daar kunnen we geen goeroes en nepdokters bij gebruiken. En trouwens ook geen echte dokters die beweren dat ze zieken kunnen genezen door chakra's te manipuleren, mensen suiker te laten innemen of door kwantumfrequenties toe te passen. Europa moet niet alleen stoppen met het bevorderen van homeopathie, maar moet ook actief optreden tegen bedrog in de gezondheidszorg, die op het ogenblik meer dan 150 pseudotherapieën omvat. Duizenden levens van burgers zijn daarvan afhankelijk. Recent onderzoek suggereert dat wel een kwart van de Europeanen vorig jaar pseudotherapieën heeft gebruikt. Dat zijn bijna 200 miljoen patiënten. [11]

Sommigen geloven dat afschaffen van pseudotherapieën conflicteert met de keuzevrijheid. Dat conflict is er niet. Volgens artikel 25 van de Universele Declaratie van de Rechten van de Mens heeft iedereen recht op medische zorg. Liegen tegen zieken om ze waardeloze producten te verkopen die zelfs dodelijk kunnen zijn, is een schending van het recht op goede informatie over je gezondheid.

Dus, hoewel een burger het recht heeft medische behandeling te weigeren na goede informatie gekregen te hebben, heeft niemand het recht te liegen om daarmee winst te maken ten koste van iemands leven. Alleen in een wereld waarin het ethisch geaccepteerd zou zijn om zieken voor te liegen, zouden we de verkoop van homeopathie of een andere pseudotherapie kunnen laten voortduren.

Het gevaar van een pseudotherapie zit 'm er niet alleen in dat die een effectieve behandeling vervangt. Als iemand in het eerste stadium van een ziekte onjuiste informatie krijgt, kan die daardoor te laat beginnen met een effectieve behandeling. Vaak is het dan al te laat. En bovendien hebben diverse van deze praktijken eigen ernstige bijwerkingen, die ernstige gezondheidsschade en zelfs de dood tot gevolg kunnen hebben.

Veel pseudotherapeuten beweren dat 'de andere geneeskunde' ook bijwerkingen heeft. Dat is correct. Maar het verschil is dat de pseudo's niet kunnen genezen of de gezondheid verbeteren. Patiënten accepteren risico's in ruil voor de belofte van een goede kans op herstel. Maar bij de pseudo's zijn dat loze beloften, te oordelen naar de beschikbare wetenschappelijke gegevens. Liegen tegen een zieke is niet een ander soort geneeskunde, het is gewoon liegen tegen een zieke.

Elk land moet op zijn eigen manier omgaan met het probleem van pseudotherapieën. Het is echter onacceptabel dat Europese wetten bescherming bieden aan de verdraaiing van wetenschappelijke feiten, met als gevolg dat duizenden burgers mogen worden bedrogen en daardoor zelfs sterven.

Wij, de ondertekenaars van dit manifest, verklaren daarom dat

1. De wetenschap is in strijd met wat de pseudotherapieën beweren, zoals in het geval van homeopathie.
2. Europese wetten die homeopathie beschermen zijn ontoelaatbaar in een wetenschappelijke en technologische maatschappij die het recht van patiënten om niet te worden bedrogen, respecteert.
3. Homeopathie is de best bekende pseudotherapie, maar niet de enige en ook niet de gevaarlijkste. Andere, zoals acupunctuur, reiki, Nieuwe Germaanse Geneeskunde, iridologie, biomagnetisme, orthomoleculaire therapie en vele andere zijn in opkomst en veroorzaken slachtoffers.

4. Maatregelen moeten genomen worden om pseudotherapieën te stoppen. Ze zijn niet onschadelijk en duizenden mensen ondervinden er schade van.
5. Europa moet zich inspannen om wetgeving te ontwikkelen die een halt toeroept aan dit probleem.

Europa maakt zich zorgen over het voorkomen van misinformatie, maar het is dan onlogisch om een van de gevaarlijkste vormen van misinformatie, namelijk misinformatie over gezondheid, te beschermen. Dit is de reden dat de ondertekenaars van dit manifest de regeringen van de Europese landen oproepen om aan dit probleem een eind te maken. De naam van de wetenschap wordt misbruikt, en dat heeft al aan te velen het leven gekost.



MANIFESTO IN ESTONIAN

Ütleme otse välja: ebaravi tapab. Euroopa riikide seadused kaitsevad ebaravi, seetõttu saab sel alal tegutseda karistamatult.

Ebaravi tapab tuhandeid inimesi – ja igal ohvril on nimi ning perekond. Näiteks Francesco Bonifaz, 7-aastane poiss, kellele „arst“ kirjutas antibiootikumide asemel homöopaatilist ravimit. Ta suri Itaalias [1]. Näiteks 21-aastane Mario Rodríguez, kellele soovitati vähiraviks vitamiine. Ta suri Hispaanias [2]. Näiteks Jacqueline Alderslade, 55-aastane naine, kellel homöopaat soovitas loobuda astmaravimitest. Ta suri Iirimaa [3]. Näiteks Cameron Ayres, kuuekuune imik, kelle vanemad ei tahtnud oma last usaldada tõenduspõhise meditsiini hoolde. Ta suri Inglismaal [4]. Näiteks Victoria Waymouth, 57-aastane naine, kellele kirjutati homöopaatilisi ravimeid südamehaiguse raviks. Ta suri Prantsusmaal [5]. Näiteks Sofia Balyaykina, 25-aastane naine, kellel oli keemiaravile alluv vähk, kuid talle soovitati alternatiivina nn sääseravi. Ta suri Venemaal [6]. Näiteks Erling Møllehave, 71-aastane mees, kellele nõelravispetsialist surus nõela kopsu. Ta suri Taanis [7]. Näiteks Michaela Jakubczyk-Eckert, 40-aastane naine, kellele ravitseja soovitas rinnavähi raviks nn Saksa uut meditsiini (Germanische Neue Medizin). Ta suri Saksamaal [8]. Näiteks Sylvia Millemcam, 45-aastane naine, kelle new age'i ravitseja lubas vähist terveks ravida. Ta suri Hollandis [9].

Euroopa direktiiv 2001/83/CE võimaldas – ja võimaldab siiani! – petta Euroopa riikide sadu tuhandeid kodanikke [10]. Mõjukatele lobistidele on antud võimalus ümber sõnastada meditsiini olemus, mis lubab haigele inimesele müüa suhkrut ja panna ta uskuma, et sellest tema tervis paraneb. Selline teguviis on põhjustanud inimeste surma ja see jätkub, kuni Euroopa tunnistab kibedat tõde: teadus jääb alla majandushuvidele, mis omakorda võib tähendada patsientide petmist ja nende õiguste rikkumist [11].

Euroopa tervishoiu ees seisavad väga tõsised probleemid. Üleravimine, multiresistentsed bakterid ja tervishoiusüsteemide rahastusprobleemid mõjuvad niigi rängalt. Meile pole vaja lisamuresid, mida tekitavad gurud, võltsarstid ja isegi klassikalise haridusega arstid, kes väidavad, et suudavad ravida kõiki haigusi tšakrate mõjutamise, suhkrupillide või „kvantsagedustega“. Peale homöopaatia peab Euroopa aktiivselt võitlema ka rahva tervist kahjustavate pettuste vastu. Kogu Euroopas on praegu kasutusel rohkem kui 150 ebaravimeetodit. Nende lubamine võib kaasa tuua tuhandete

inimeste surma. Tegelikult on näidatud, et viimase aasta jooksul on ebaravi kasutanud 25,9% eurooplastest. Täpsemalt: petta on saanud 192 miljonit patsienti.

Valitseb uskumus, et ebaravi kõrvaldamine piirab inimese valikuvabadust ravimeetodi valikul. Kuid see pole nii! Inimõiguste ülddeklaratsiooni 25. artikkel ütleb, et igal inimesel on õigus arstiabile. Kasutute preparaatide müümiseks valetamine võib inimese tappa ja rikub tema õigust saada tõepärasest terviseinfot. Isegi kui inimesel on õigus arstibist keelduda eeldusel, et teda on sellega kaasnevast korrektselt teavitatud, ei ole mitte kellelgi õigust kellegi teise elu hinnaga kasumit teenida. Homöopaatilisi preparaate müüa või ükskõik millist ebaravimeetodit viljeleda lubatakse vaid maailmas, kus haigele inimesele valetamist peetakse eetiliseks.

Tõhusate ravimeetodite asendamine kasutute ravimitega ei ole ainus ebaraviga kaasnev oht. Kui inimene saab haiguse varajases staadiumis mitte ravimeid, vaid „ravi“ kasutute meetoditega, lükkub efektiivse arstiabi saamine edasi. Liiga sageli juhtub, et õige ja toimiv ravi jääb hiljaks. Veelgi enam, paljudel ebaravimeetoditel on rasked kõrvaltoimed, mis võivad põhjustada tervisekahjustusi ja isegi surma.

Paljud ebaravi viljelejad ütlevad, et ka tavameditsiinis kasutatavatel meetoditel on kõrvaltoimed – ja see on tõsi. Erinevus seisnebki selles, et ebaravimeetoditega ei ole võimalik haigust välja ravida ega tervist parandada, ning ka selles, et patsient võtab endale riski lubaduste alusel, mis kõiki olemasolevaid teaduslikke tõendeid arvestades on valelikud. Haigele inimesele valetamine ei ole ravimeetod, vaid lihtsalt haigele inimesele valetamine.

Iga riik peab ebaraviga ise hakkama saama. Siiski ei või aktsepteerida seda, et Euroopa seadused lubavad teaduslikke fakte moonutada ja tuhanded inimesed saavad petta või isegi surevad.

Manifestile alla kirjutanud deklareerivad

1. Ebaravi, näiteks homöopaatia, ei ole kooskõlas tänapäevaste teaduslike arusaamadega.
2. Tänapäevases, teadusel ja tehnoloogial põhinevas ühiskonnas tuleb austada patsientide õigust saada tõepärasest infot ja tõenduspõhist ravi. Seetõttu ei saa aktsepteerida Euroopa seadusi, mis kaitsevad homöopaatiat.
3. Homöopaatia on kõige laiemalt levinud ebaravi, kuid see pole kõige ohtlikum. Ka teised, näiteks akupunktuur, reiki, nn Saksa uus meditsiin, iridoloogia, biomagnetism, ortomolekulaarne teraapia ja paljud muud ebaravimeetodid leiavad üha suuremat kõlapinda ja toovad kaasa inimohvreid.
4. Ebaravi pidurdamiseks tuleb tarvitusele võtta abinõud, sest see kahjustab tuhandete inimeste tervist.
5. Euroopa peab seadma eesmärgi pidurdada ebaravi levikut õigusaktidega. Euroopa on mures väärinfo leviku pärast, kuid samal ajal kaitseb kõige ohtlikumaid väärinfo vorme – siin on suur vastuolu! Seetõttu soovivad manifestile alla kirjutanud inimesed teha lõpp teaduse väärkasutusel rajanevatele ravimeetoditele, mis on kaasa toonud liiga palju inimohvreid.



MANIFESTO IN FRENCH

Ce n'est plus à prouver: les pseudosciences tuent. Pourtant leur pratique se fait en toute impunité grâce aux lois européennes qui les protègent.

Elles tuent des milliers de personnes, des personnes que nous pouvons nommer. Francesco Bonifazi, âgé de 7 ans, auquel son médecin a administré de l'homéopathie plutôt que des antibiotiques. Il est mort en Italie [1]. Mario Rodriguez, âgé de 21 ans, traité avec des vitamines pour son cancer. Il est mort en Espagne [2]. Jacqueline Alderslade, âgée de 55 ans, à laquelle l'homéopathe a dit d'arrêter ses traitements pour l'asthme. Elle est morte en Irlande [3]. Cameron Ayres, âgé de 6 mois, auquel ses parents ne voulaient pas donner de « médecine scientifique ». Il est mort en Angleterre [4]. Victoria Waymouth, âgée de 57 ans, qui s'est vu prescrire de l'homéopathie pour traiter des problèmes cardiaques. Elle est morte en France [5]. Sophia Balyaikina, âgée de 25 ans, qui avait un cancer curable par chimiothérapie, mais à laquelle a été recommandé un « traitement alternatif » fait de piqûres de moustiques. Elle est morte en Russie [6]. Erling Møllehave, 71 ans, son acupuncteur lui a percé le torse et le poumon avec une aiguille. Il est mort au Danemark [7]. Michaela Jakubczyk-Eckert, âgée de 40 ans, dont le thérapeute a recommandé la *nouvelle médecine germanique* pour traiter un cancer du sein. Elle est morte en Allemagne [8]. Sylvia Millicam, âgée de 45 ans, que sa guérisseuse *New Age* avait promis de guérir du cancer. Elle est morte en Hollande [9].

La directive européenne 2001/83/CE a permis –et permet toujours– de tromper quotidiennement des centaines de milliers de citoyens européens [10]. Il a été offert à de puissants *lobbies* de redéfinir ce qu'est un médicament, leur permettant de vendre du sucre à des personnes malades en leur faisant croire qu'il peut les guérir ou améliorer leur santé. Des malades en sont morts, et cela continuera jusqu'à ce que l'Europe admette une réalité indiscutable : les connaissances scientifiques ne peuvent se plier aux intérêts économiques de quelques-uns, surtout si cela implique de tromper les patients et de violer leurs droits.

L'Europe affronte d'autres problèmes de santé publique complexes. La médicalisation excessive de la population, l'apparition de bactéries multirésistantes ou les difficultés de financement des systèmes de santé publique sont déjà trop graves pour y ajouter des gourous, des faux médecins ou même des diplômés en médecine qui prétendent guérir le cancer (ou toute autre maladie) en

manipulant des *chakras*, en avalant du sucre ou en appliquant des « fréquences quantiques ». L'Europe doit non seulement mettre fin à la promotion de l'homéopathie, mais aussi lutter activement contre les escroqueries sanitaires, qui impliquent plus de 150 pseudo-thérapies sévissant sur notre territoire. La vie de milliers de citoyens en dépend : selon des études récentes [11], 25,9 % des Européens ont eu recours à des pseudo-thérapies au cours de la dernière année, soit 192 millions de patients trompés.

Il se dit que l'éviction des pseudo-thérapies s'oppose à la liberté de chacun de choisir ses traitements médicaux, mais il n'en est rien. Selon l'article 25 de la Déclaration universelle des droits de l'homme, l'accès aux soins médicaux est un droit. Mentir aux malades pour leur vendre des produits inutiles et pouvant les tuer est une violation du droit des individus à recevoir des informations loyales sur leur santé. Ainsi, tout citoyen peut renoncer à un traitement médical à la condition qu'il ait été correctement informé, mais personne n'a le droit de lui mentir pour le détourner de soins efficaces et obtenir un gain financier aux dépens de sa vie. Autoriser le commerce de l'homéopathie – ou de toute autre pseudo-thérapie – n'est possible qu'en considérant qu'il est éthique de mentir à une personne malade aux seules fins de lui soutirer son argent.

Le danger des pseudosciences ne réside pas seulement dans le remplacement des traitements utiles par des traitements trompeurs. Il existe aussi un retard évident dans les soins efficaces chez tous les patients qui, à la phase initiale d'une maladie, reçoivent des produits frauduleux au lieu de médicaments. Quand ils finissent par recourir à la médecine, il est souvent trop tard. De surcroît, plusieurs de ces pratiques ont par elles-mêmes des effets indésirables graves, et peuvent blesser voire tuer.

De nombreux pseudo-thérapeutes soutiennent que les pratiques de « l'autre médecine », comme ils dénomment la médecine conventionnelle, ont également des effets secondaires, ce qui est vrai. Mais la nuance réside dans le fait que les pseudo-thérapies ne peuvent pas guérir ou améliorer une maladie, donc exposent le patient à un risque pour des promesses qui se révèlent trompeuses, comme le démontrent avec force les preuves scientifiques. Mentir à une personne malade n'est pas un autre type de médecine, c'est simplement mentir à une personne malade.

Chaque pays doit faire face au problème des pseudo-thérapies à sa manière. Cependant, il est inadmissible que les lois européennes protègent ce travestissement de la réalité scientifique, de sorte que des milliers de citoyens soient trompés, ou en meurent.

Ainsi, les signataires de ce manifeste affirment que:

1. Les connaissances scientifiques discréditent les postulats des pseudo-thérapies, dont l'homéopathie.
2. Les lois européennes qui protègent l'homéopathie sont inadmissibles dans une société scientifique et technologique qui promeut le droit des patients à ne pas être trompés.
3. L'homéopathie est la pseudo-thérapie la plus connue, mais elle n'est ni la seule ni la plus dangereuse. D'autres, telles que l'acupuncture, le *reiki*, la *nouvelle médecine germanique*, le biomagnétisme, l'iridologie, la thérapie orthomoléculaire, et bien d'autres encore, gagnent du terrain et ont aussi leurs victimes.
4. Il faut agir pour faire obstacle aux pseudo-thérapies, car elles ne sont pas fiables et attentent à l'intégrité de milliers de personnes.

5. L'Europe doit œuvrer à une législation pour mettre fin à ce problème.

Il n'est pas cohérent qu'en Europe, le phénomène de la désinformation suscite de plus en plus d'inquiétude, et qu'une de ses représentations les plus dangereuses soit protégée : la désinformation en matière de santé.

Pour toutes ces raisons, les personnes qui signent ce manifeste en appellent aux gouvernements des pays dont elles sont membres pour mettre fin à un problème qui contrefait le nom de la science et a déjà coûté la vie à trop de personnes.



MANIFESTO IN GALICIAN

Sexamos claros: as pseudociencias matan. E non só iso, senón que son practicadas con impunidade grazas ás leis europeas que as protexen.

Matan miles de persoas, con nomes e apelidos. Como Francesco Bonifaz, de 7 anos, a quen o seu médico lle deu homeopatía en lugar de antibióticos. Morreu en Italia [1]. Como Mario Rodríguez, de 21 anos, que foi tratado con vitaminas para o seu cancro. Morreu en España [2]. Como Jacqueline Alderslade, de 55 anos, cuxo homeópata díxolle que deixase a súa medicación para a asma. Morreu en Irlanda [3]. Como Cameron Ayres, de 6 meses, cuxos pais non quixeron darlle «medicina científica». Morreu en Inglaterra [4]. Como Victoria Waymouth, de 57 anos, a ela receitáronlle un medicamento homeopático para tratar os seus problemas cardíacos. Morreu en Francia [5]. Como Sofia Balyaykina, de 25 anos, que tiña un cancro curable con quimioterapia, pero lle recomendaron un «tratamento alternativo» de picadelas de mosquitos. Morreu en Rusia [6]. Como Erling Møllehave, de 71 anos, no seu caso un acupuntor atravesou o seu peito cunha agulla e danou o seu pulmón. Morreu en Dinamarca [7]. Como Michaela Jakubczyk-Eckert, de 40 anos, cuxo terapeuta recomendoulle a Nova Medicina Xermánica para o seu cancro de peito. Morreu en Alemaña [8]. Como Sylvia Millemcam, de 45 anos, a súa curandeira da Nova Era prometeulle curar o seu cancro. Morreu nos Países Baixos [9].

A Directiva Europea 2001/83/CE permitiu —e aínda permite— que centos de miles de cidadáns europeos sexan enganados a diario [10]. Ofreceuse a *lobbies* importantes a posibilidade de redefinir o que é un medicamento, e agora venden azucre a persoas doentes e fanlles crer que lles poden curar ou mellorar a súa saúde. Isto causou mortes, e seguirá a facelo, ata que Europa admita unha realidade indiscutible: o coñecemento científico non pode dobregarse ante os intereses económicos duns poucos, máxime se iso implica enganar pacientes e vulnerar os seus dereitos.

Europa enfróntase a outros problemas de saúde pública moi serios. A medicalización excesiva da poboación, a xeración de bacterias multirresistentes ou os problemas de financiamento dos sistemas públicos de sanidade son xa graves de máis como para engadir, tamén, a presenza de gurús, falsos médicos ou mesmo médicos titulados que din poder curar o cancro (ou calquera outra doenza) manipulando *chakras*, comendo azucre ou aplicando «frecuencias cuánticas». Europa non

só debe parar o fomento da homeopatía, senón que debe loitar de modo activo por erradicar as estafas de saúde pública que implican as máis de 150 pseudoterapias presentes no noso territorio. A vida de miles de cidadáns depende disto. De feito, segundo estudos recentes [11], o 25,9% dos europeos utilizaron pseudoterapias no último ano, é dicir, 192 millóns de pacientes enganados.

Existe a crenza de que hai un conflito entre a liberdade de elección dun tratamento médico e a eliminación de pseudoterapias, pero non é certo. Segundo o artigo 25 da Declaración Universal dos Dereitos Humanos, toda persoa ten dereito á asistencia médica. Mentir aos doentes para lles vender produtos inservibles que poden matalos incumpre o seu dereito a recibir información veraz sobre a súa saúde. Así que, aínda que un cidadán ten dereito a renunciar a un tratamento médico se está correctamente informado, tamén é certo que ninguén ten dereito a mentirlle para obter un lucro económico á costa da súa vida. Só nun mundo onde considerásemos que mentir a un doente para obter os seus cartos fose ético, poderíamos permitir que se seguise a vender homeopatía —ou calquera outra pseudoterapia— aos cidadáns.

O perigo das pseudoterapias non está só na substitución de tratamentos efectivos por outros enganosos. Ademais, existe un obvio retraso na atención terapéutica en todos aqueles doentes que, ante os primeiros signos dunha enfermidade, reciben produtos falsos no lugar de medicamentos. Moitas veces, cando chegan á medicina, xa é tarde dabondo. Tamén, varias destas prácticas teñen efectos graves por si mesmas e poden producir danos, e mesmo a morte, debido aos seus efectos secundarios.

Moitos pseudoterapeutas argumentan que as prácticas da «outra medicina» tamén teñen efectos secundarios, e iso é certo. Pero a diferenza é que as pseudoterapias non poder curar ou mellorar unha doenza, asumindo o paciente un risco a cambio de promesas que, con todo o peso da evidencia científica, son un engano. Mentir a un enfermo non é outro tipo de medicina, é mentir a un enfermo.

Cada país ten que enfrontar o problema das pseudoterapias do seu xeito. Porén, non é admisible que as leis europeas amparen a terxiversación da realidade científica para que miles de cidadáns sexan enganados, e mesmo morran.

Así, os asinantes deste manifesto declaran que:

1. O coñecemento científico é incompatíbel cos postulados das pseudoterapias, como o caso da homeopatía.
2. As leis europeas que protexen e amparan a homeopatía son inadmisíbeis nunha sociedade científico-tecnolóxica que respecta o dereito dos pacientes a non ser enganados.
3. A homeopatía é a pseudoterapia máis coñecida, pero non é a única, nin tampouco a máis perigosa. Outras, como a acupuntura, o *reiki*, a Nova Medicina Xermánica, o biomagnetismo, o iridoloxía, a terapia ortomolecular e un longo etcétera están a gañar terreo e a causar vítimas.
4. Hai que tomar medidas para frear as pseudoterapias porque non son inocuas e producen miles de afectados.
5. Europa debe traballar na dirección de crear leis que axuden a deter este problema.

Non é coherente que dende Europa se eleve a preocupación polo fenómeno da desinformación e á vez se ampare un dos tipos máis perigosos: a desinformación en temas de saúde. Por todo isto, as

persoas que asinan este manifesto animan os gobernos dos países ós que pertencen a pór fin a un problema que utiliza falsamente o nome da ciencia, e que xa custou a vida a demasiada xente.



MANIFESTO IN ITALIAN

Non sussistono dubbi: le pseudoscienze uccidono. Nonostante ciò vengono praticate con totale impunità grazie a leggi europee che le proteggono.

Uccidono migliaia di persone, persone di cui possiamo fare il nome, come Francesco Bonifazi, un bambino di 7 curato con l'omeopatia anziché con antibiotici. Morì in Italia [1]. Persone come Mario Rodríguez, che aveva 21 anni e al quale furono prescritte vitamine per curare il suo cancro. È morto in Spagna [2]. Persone come Jacqueline Alderslade, una donna di 55 anni cui un omeopata consigliò di smettere di prendere i farmaci per l'asma. È morta in Irlanda [3]. Persone come Cameron Ayres, una bambina di 6 mesi, i cui genitori non hanno voluto curare il loro bambino con una "medicina scientifica". È morto in Inghilterra. [4] Persone come Victoria Waymouth, una donna di 57 anni a cui è stato prescritto un farmaco omeopatico per curare dei problemi cardiaci. È morta in Francia [5]. Persone come Sofia Balyaikina, una donna di 25 anni, che aveva un tumore curabile con la chemioterapia, ma cui fu raccomandato un "trattamento alternativo", un trattamento di cura attraverso punture di zanzara. È morta in Russia [6]. Persone come Erling Møllehave, un uomo di 71 anni il cui agopuntore gli ha perforato e danneggiato il polmone con un ago. Morto in Danimarca [7]. Persone come Michaela Jakubczyk-Eckert, una donna di 40 anni cui il terapeuta ha raccomandato la nuova medicina germanica per curare il suo tumore al seno. È morta in Germania [8]. Persone come Sylvia Millecam, una donna di 45 anni la cui guaritrice New Age ha promesso di curare il suo cancro. Morta in Olanda [9].

La direttiva europea 2001/83 / CE ha reso – e rende ancora possibile – l'inganno quotidiano di migliaia di centinaia di cittadini europei [10]. Un profondo lavoro di lobby ha reso possibile ridefinire cosa sia un farmaco, e ora si vende zucchero ai malati facendo credere loro che esso possa curarli o migliorare la loro salute. Ciò ha causato morti e continuerà a farlo fino a quando l'Europa non ammette una verità innegabile: la conoscenza scientifica non può piegarsi a interessi economici, soprattutto quando questo significa ingannare i pazienti e violare i loro diritti

L'Europa sta affrontando problemi di salute pubblica complessi: la medicalizzazione eccessiva della popolazione, l'apparizione di batteri multiresistenti o le difficoltà di finanziamento dei sistemi sanitari degli stati membri sono problemi già fin troppo gravosi perché vi sia necessità di aggiungerli

guru, falsi medici, o anche dei diplomati in medicina, che pretendono di guarire il cancro (o qualsiasi altra malattia) manipolando ei chakras, ingerendo dello zucchero o applicando «frequenze quantiche».

L'Europa deve non solo porre fine alla promozione dell'omeopatia, ma anche lottare attivamente contro le frodi sanitarie, che poggiano su più di 150 pseudo-terapie imperversanti sul nostro territorio. La vita di migliaia di cittadini ne dipende: secondo studi recenti [11], il 25,9% degli Europei hanno fatto ricorso a pseudo-terapie nel corso dell'ultimo anno, ossia 192 milioni di pazienti ingannati.

Qualcuno sostiene che l'eliminazione delle pseudo-terapie s'opponesse alla libertà di scelta tra i trattamenti terapeutici, ma ciò è falso. In base all'articolo 25 della Dichiarazione Universale dei diritti dell'Uomo, l'accesso alle cure mediche è un diritto. Mentire ai malati per vender loro prodotti inutili e potenzialmente in grado di ucciderli rappresenta una violazione del diritto di ogni individuo a ricevere delle informazioni corrette e veritiere sulla propria salute. Allo stesso modo ciascun individuo ha diritto a rinunciare ad un trattamento di cura a patto che ciò avvenga dopo che è stato correttamente informato, ma nessuno ha il diritto di mentirgli e distoglierlo da cure efficaci per ottenere un vantaggio economico a spese della sua vita. Autorizzare il commercio dell'omeopatia – o di tutte le altre pseudo-terapie – non è possibile se non ammettendo che sia etico mentire a una persona malata al solo scopo di sottrargli denaro.

Il rischio rappresentato dalle pseudoscienze non consiste soltanto nella sostituzione di trattamenti efficaci con trattamenti fasulli: esiste anche un evidente ritardo nell'inizio di cure efficaci da parte di tutti i pazienti che, nella fase iniziale di una malattia, hanno ricevuto farmaci fittizi al posto di medicinali. Quando costoro giungono finalmente a far ricorso a medicine efficaci è spesso troppo tardi. In sovrappiù, la maggior parte di queste pratiche producono già di per se stesse effetti indesiderabili gravi, e possono danneggiare la salute, quando non uccidere.

Molti pseudo-terapeuti argomentano che anche la medicina ufficiale, quella che loro definiscono "l'altra medicina", produce effetti collaterali, il che è vero. Tuttavia, la differenza fondamentale risiede nel fatto che le pseudo-terapie non possono curare una malattia o migliorare la salute del paziente; e per questo motivo i pazienti assumono rischi in cambio di promesse prive di alcun fondamento scientifico o prove di efficacia. Mentire a una persona malata non è proporre un altro tipo di medicina, è semplicemente mentire a una persona malata.

Ogni paese europeo si trova a dover affrontare la questione delle pseudo-terapie (pseudo scienze) all'interno del proprio quadro normativo. Tuttavia, non è accettabile che le leggi europee proteggano la distorsione dei fatti scientifici in modo da indurre in errore migliaia di cittadini portandoli a scelte che li possono danneggiare, e nella peggiore delle ipotesi condurre a morte.

Noi, i firmatari di questo manifesto, dichiariamo quindi che:

1. La conoscenza scientifica è incompatibile con ciò che postulano le pseudo-terapie (pseudo scienze) come ad esempio l'omeopatia.
2. Le leggi europee che proteggono l'omeopatia sono inammissibili in una società scientifica e tecnologica che rispetta il diritto dei pazienti di non essere ingannati.

3. Pur essendo l'omeopatia la pseudo-terapia (pseudo-scienza) più conosciuta non è né l'unica né la più pericolosa; l'agopuntura, il reiki, la nuova medicina germanica, l'iridologia, il biomagnetismo, la terapia ortomolecolare e molte altre, stanno guadagnando terreno e causando vittime
4. Devono essere prese misure per fermare le pseudo-terapie (pseudo-scienze), poiché esse non sono innocue ma provocano seri problemi a migliaia di persone
5. L'Europa deve lavorare per creare una legislazione che aiuti a fermare questa deriva che si configura come un grosso problema sanitario.

Non è coerente che in Europa vi sia una crescente preoccupazione per il fenomeno della disinformazione e allo stesso tempo ne sia protetto uno dei suoi tipi più pericolosi: la disinformazione su problemi di salute. A causa di tutto questo, le persone che firmano questo manifesto esortano i governi dei paesi europei a porre fine a un problema che usa falsamente il nome della scienza con la conseguenza di danneggiare la salute di moltissime persone e causarne la morte di un numero fin troppo rilevante.



MANIFESTO IN PORTUGUESE

Sejamos claros: as pseudoterapias matam. E não apenas isso: também são praticadas com impunidade graças às leis europeias que as protegem.

Matam milhares de pessoas, com nomes e apelidos. Como Francesco Bonifaz, de 7 anos, a quem o médico prescreveu homeopatia em vez de antibióticos. Morreu em Itália [1]. Como Mario Rodríguez, de 21 anos, cujo cancro foi tratado com vitaminas. Morreu em Espanha [2]. Como Jacqueline Alderslade, de 55 anos, a quem o homeopata disse que deixasse de tomar a medicação para a asma. Morreu em Irlanda [3]. Como Cameron Ayres, de 6 meses, a quem os pais não quiseram dar “medicamentos científicos”. Morreu em Inglaterra [4]. Como Victoria Waymouth, de 57 anos, a quem receitaram um preparado homeopático para tratar os problemas cardíacos de que sofria. Morreu em França [5]. Como Sofia Balyaykina, de 25 anos, que tinha um cancro curável com quimioterapia, mas a quem recomendaram um “tratamento alternativo” à base de picadas de mosquitos. Morreu na Rússia [6]. Como Erling Møllehave, de 71 anos, a quem um acupuntor perfurou o peito com uma agulha e danificou o pulmão. Morreu na Dinamarca [7]. Como Michaela Jakubczyk-Eckert, de 40 anos, cujo terapeuta recomendou a Nova Medicina Germânica para tratar o cancro. Morreu na Alemanha [8]. Como Sylvia Millecarn, de 45 anos, a quem uma curandeira da Nova Era prometeu curar o cancro. Morreu nos Países Baixos [9].

A Directiva Europeia 2001/83/CE permitiu — e ainda permite — que centenas de milhares de cidadãos e cidadãs europeias sejam enganados diariamente [10]. Importantes *lobbies* tiveram, assim, a oportunidade de redefinir o que é um medicamento e agora vendem açúcar a pessoas doentes, fazendo-as crer que se podem curar ou melhorar o estado de saúde. Isto resultou em mortes, que continuarão a ocorrer até que a Europa admita uma realidade indiscutível: o conhecimento científico não se pode vergar aos interesses económicos de uns poucos, muito menos se isso implicar enganar pacientes e violar os seus direitos.

A Europa está perante outros problemas de saúde pública muito graves. A medicalização excessiva da população, o surgimento de bactérias multi-resistentes ou os problemas de financiamento dos sistemas públicos de saúde já são suficientemente sérios como para ainda acrescentar a presença de gurus, falsos médicos ou até médicos formados que dizem poder curar cancros (ou qualquer

outra doença) através da manipulação de chakras, da ingestão de açúcar ou da aplicação de “frequências quânticas”. A Europa deve não só travar a promoção da homeopatia, como também deve lutar de forma activa para a erradicação de fraudes de saúde pública envolvidas em mais de 150 pseudoterapias presentes no nosso território. A vida de milhares de cidadãos e cidadãs disso depende. De facto, segundo estudos recentes [11], 25,9% dos europeus recorreram a pseudoterapias no último ano, ou seja, 192 milhões de pacientes enganados.

Subsiste a crença de que existe um conflito entre a liberdade de escolha de um tratamento médico e a eliminação das pseudoterapias, mas tal não é verdade. Segundo o Artigo 25 da Declaração Universal dos Direitos Humanos, todas as pessoas têm direito a assistência médica. Mentir aos doentes para lhes vender produtos inúteis, que os podem matar, viola o direito da cidadania receber informação verídica sobre a sua saúde. Por isso, embora um cidadão ou cidadã tenha o direito a renunciar um tratamento médico estando correctamente informado, também é certo que ninguém tem o direito de lhe mentir para obter um ganho económico à custa da sua vida. Só num mundo onde considerássemos que mentir a um doente para lhe extrair dinheiro é ético, é que poderíamos permitir que se continue a vender homeopatia — ou qualquer outra pseudoterapia.

O perigo das pseudoterapias não se restringe apenas à substituição de tratamentos eficazes por outros enganosos. Para além disso, verifica-se um óbvio atraso na atenção terapêutica dada aos pacientes que, perante os primeiros sintomas de doença, recebem produtos falsos em vez de medicamentos. Muitas vezes, quando chegam à medicina, já é demasiado tarde. Igualmente, várias destas práticas têm efeitos graves por si só e podem levar à morte devido aos seus efeitos secundários.

Muitos pseudoterapeutas argumentam que as práticas da “outra medicina” também têm efeitos secundários — e isso é verdade. Mas, a diferença está no facto das pseudoterapias não poderem curar ou trazer melhorias a uma doença, levando a que o paciente assuma um risco em troca de promessas que, com todo o peso das provas científicas, são um engano. Mentir a um doente não é outro tipo de medicina, é mentir a um doente.

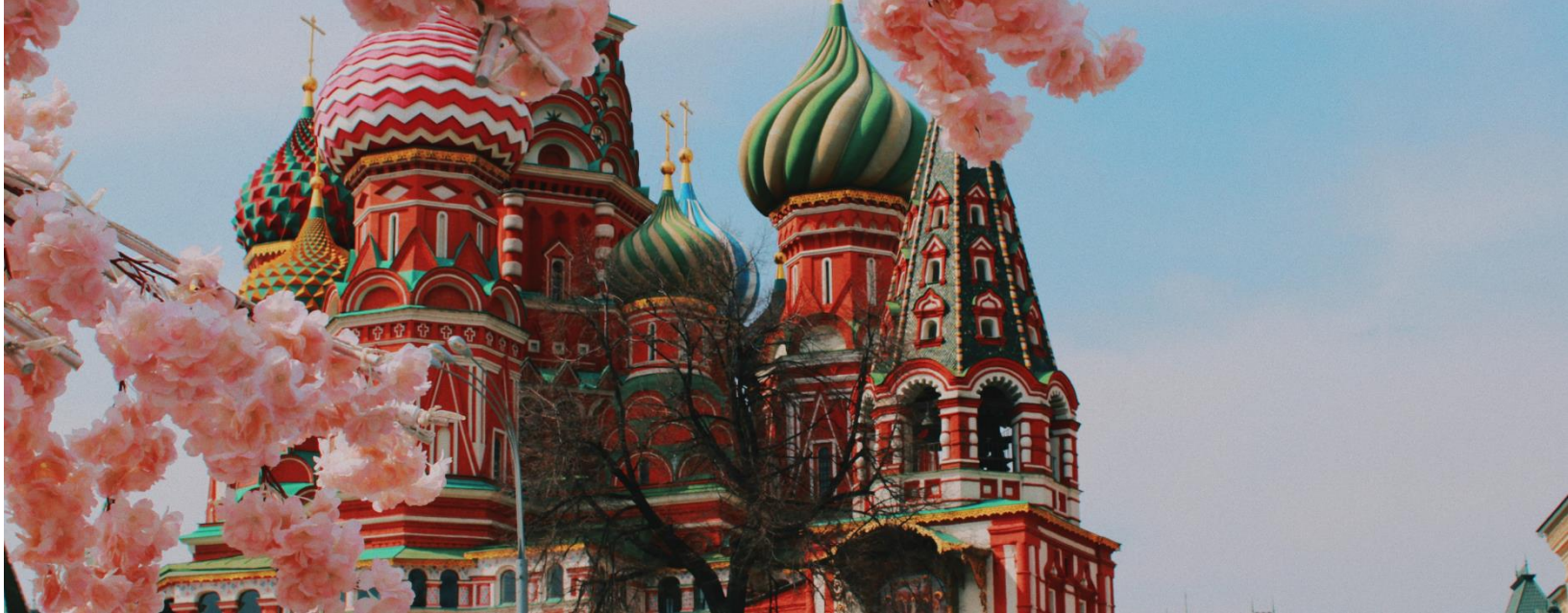
Cada país tem que enfrentar o problema das pseudoterapias com acções próprias. Não obstante, não se pode admitir que as leis europeias amparem a deturpação da realidade científica para que milhares de cidadãos e cidadãs sejam enganados e, inclusivamente, morram.

Assim, os subscritores e subscritoras deste manifesto declaram que:

1. Conhecimento científico é incompatível com os postulados das pseudoterapias, como a homeopatia;
2. As leis europeias que protegem e amparam a homeopatia são inadmissíveis numa sociedade científico-tecnológica que respeita os direitos dos pacientes a não serem enganados;
3. A homeopatia é a pseudoterapia mais conhecida, mas não é a única, nem a mais perigosa. Outras, como a acupunctura, o reiki, a Nova Medicina Germânica, o biomagnetismo, a iridologia, a terapia ortomolecular e muitas outras, estão a ganhar terreno e a causar vítimas;
4. Há que tomar medidas para travar as pseudoterapias porque não são inócuas e dão origem a milhares de afectados;

5. A Europa deve trabalhar no sentido de criar leis que ajudem a parar este problema.

Não é coerente que a partir da Europa se chame à atenção para o fenómeno da desinformação e, ao mesmo tempo, se dê apoio a um dos seus tipos mais perigosos: a desinformação na saúde. Por tudo isso, os subscritores e subscritoras deste manifesto pedem aos governos dos seus países que acabem com um problema que usa o nome da ciência de forma fraudulenta e que já custou a vida a demasiadas pessoas.



MANIFESTO IN RUSSIAN

Скажем прямо: псевдомедицина убивает. При этом, различные виды псевдомедицины практикуются безнаказанно благодаря европейским законам, которые ее защищают.

Они убивают тысячи людей, имена и семьи которых известны. Такие люди, как Франческо Бонифас – 7-летний мальчик, врач которого назначил ему гомеопатию вместо антибиотиков. Умер в Италии [1]. Такие люди, как Марио Родригес, которому был 21 год и которому назначили витамины для лечения рака. Умер в Испании [2]. Такие люди, как Жаклин Олдерслейд – 55-летняя женщина, чей гомеопат сказал ей прекратить принимать лекарства от астмы. Она умерла в Ирландии [3]. Такие люди, как Кэмерон Эйрес – 6-месячный ребенок, чьи родители не хотели давать ей «научную медицину» [4]. Он умер в Англии. Такие люди, как Виктория Уэймут – 57-летняя женщина, которой был назначен гомеопатический препарат для лечения ее проблем с сердцем. Она умерла во Франции [5]. Такие люди, как София Баляйкина – 25-летняя девушка, у которой был рак, излечимый химиотерапией, однако, ей посоветовали «альтернативное лечение» укусами комаров. Она умерла в России [6]. Такие люди, как Эрлинг Меллехаве – 71-летний мужчина, чей иглотерапевт проколол и повредил его легкое иглой. Умер в Дании [7]. Такие люди, как Микаэла Якубчик-Экерт – 40-летняя женщина, чей терапевт рекомендовал альтернативную «Новую Германскую Медицину», для лечения рака молочной железы. Она умерла в Германии [8]. Такие люди, как Сильвия Миллкам – 45-летняя женщина, чей новый целитель обещал исцелить ее от рака. Она умерла в Нидерландах [9].

Европейская директива 2001/83 / CE сделала и до сих пор делает возможным ежедневный обман тысяч сотен европейских граждан [10]. Влиятельным лоббистам была предоставлена возможность заново определить значение понятия лекарства, и теперь они продают сахар больным людям и заставляют их поверить, что это может вылечить их или улучшить их состояние. Это ведет к смертям и будет продолжаться до тех пор, пока Европа не признает неоспоримую истину: научные знания не могут подчиняться экономическим интересам, особенно когда речь идет об обмане пациентов и нарушении их прав.

Страны Европы и без того сталкиваются со множеством очень серьезных проблем в области общественного здравоохранения. Чрезмерная медикализация, мультирезистентные бактерии и недостаток финансирования общественных систем здравоохранения – ситуация уже сложна в достаточной степени и без шаманов, фальшивых врачей, а в некоторых случаях и врачей квалифицированных, которые утверждают, что они могут вылечить любую болезнь, манипулируя чакрами, заставляя людей есть сахар или используя “квантовые частоты”. Европа должна не только прекратить пропаганду гомеопатии, но и активно бороться с искоренением мошенничества в сфере здравоохранения, в которое на европейской территории вовлечено более 150 видов псевдомедицины. От этого зависят жизни тысяч граждан. К слову, согласно последним исследованиям, 25,9% европейцев прибегали к использованию той или иной псевдомедицины в прошлом году. Другими словами, 192 миллиона пациентов были обмануты [11].

Существует мнение, что присутствует конфликт между свободой выбора лечения и запретом псевдомедицины, однако это не так. Согласно статье 25 Всеобщей Декларации прав человека, каждый человек имеет право на медицинское обслуживание. Но ложь пациентам с целью продать им терпевтически бесполезные продукты, которые могут их убить, нарушает их право на получение правдивой информации об их здоровье. Тот факт, что любой гражданин вправе отказаться от лечения, будучи при этом надлежащим образом проинформированным, не обеспечивает третьих лиц правом лгать, чтобы получить прибыль за счет чужой жизни. Только в том мире, где ложь больному считалась бы этичной, мы могли бы позволить гомеопатии или любой другой псевдонауке продолжать продаваться гражданам.

Непосредственная замена эффективных методов лечения ложными – не единственная опасность псевдомедицины. Ко всему прочему, очевидно возникновение задержек в эффективном лечении у тех пациентов, которые на ранних стадиях заболевания получают ложные продукты вместо лекарства. Зачастую, такие пациенты обращаются к научной медицине тогда, когда уже поздно. Кроме того, некоторые из этих методов сами по себе имеют серьезные последствия и могут привести к травмам или даже смерти из-за их побочных эффектов.

Многие псевдотерапевты апеллируют, что «обычная медицина» также имеет побочные эффекты, и это действительно так. Тем не менее, разница заключается в том, что псевдомедицина в принципе не может вылечить болезнь или улучшить состояние, а пациент лишь рискует ухудшить его, действуя под воздействием обещаний, которые, как очевидно свидетельствует доказательная медицина, являются ложью. А ложь больному человеку – это не альтернативный вид медицины, это просто ложь больному человеку.

Каждая страна должна противостоять проблеме псевдомедицины по-своему. Тем не менее, неприемлемо, чтобы европейские законы защищали искажение научных фактов, из-за чего тысячи граждан становятся обманутыми или даже обреченными на смерть.

Поэтому мы, подписавшие этот манифест, заявляем, что:

1. Научное знание несовместимо с тем, что постулируют различные типы псевдомедицины, как в случае гомеопатии.

2. Европейские законы, защищающие гомеопатию и покровительствующие ей, недопустимы в научно-техническом обществе, уважающем право пациентов не быть обманутыми.
3. Гомеопатия – самая известная псевдонаука, но не единственная и не самая опасная. Другие, такие, как иглоукалывание, целительство «рейки», Новая Германская Медицина, иридодиагностика, биомагнетизм, ортомолекулярная терапия и многие другие, набирают силу и приводят к жертвам.
4. Необходимо принять меры по противодействию псевдомедицине, поскольку она не безвредна и наносит ущерб тысячам людей.
5. Европа должна работать над созданием законодательства, которое поможет остановить эту проблему.

Не обнаруживается согласования в том, что, с одной стороны, Европа обеспокоена феноменом распространения дезинформации, но в то же время защищает один из самых опасных ее видов – дезинформацию в темах здравоохранения. Вот почему люди, подписывающие этот манифест, призывают правительства стран, представителями которых являются, положить конец проблеме, в которой имя науки используется ложно и уже стоило жизни слишком многим.



MANIFESTO IN SPANISH

Seamos claros: las pseudociencias matan. Y no solo eso, sino que son practicadas con impunidad gracias a leyes europeas que las protegen.

Matan a miles de personas, con nombres y apellidos. Como Francesco Bonifaz, de 7 años, a quien su médico le dio homeopatía en lugar de antibióticos. Murió en Italia [1]. Como Mario Rodríguez, de 21 años, que fue tratado con vitaminas para su cáncer. Murió en España [2]. Como Jacqueline Alderslade, de 55 años, cuyo homeópata le dijo que dejara su medicación para el asma. Murió en Irlanda [3]. Como Cameron Ayres, de 6 meses, cuyos padres no quisieron darle “medicina científica”. Murió en Inglaterra [4]. Como Victoria Waymouth, de 57 años, a ella le recetaron un medicamento homeopático para tratar sus problemas cardíacos. Murió en Francia [5]. Como Sofía Balyaykina, de 25 años, que tenía un cáncer curable con quimioterapia, pero le recomendaron un “tratamiento alternativo” de picaduras de mosquitos. Murió en Rusia [6]. Como Erling Møllehave, de 71 años, en su caso un acupuntor le atravesó su pecho con una aguja y dañó su pulmón. Murió en Dinamarca [7]. Como Michaela Jakubczyk-Eckert, de 40 años, cuyo terapeuta le recomendó la Nueva Medicina Germánica para tratar su cáncer de pecho. Murió en Alemania [8]. Como Sylvia Millecam, de 45 años, su sanadora de la Nueva Era le prometió curar su cáncer. Murió en los Países Bajos [9].

La directiva europea 2001/83/CE ha permitido —y aún permite— que cientos de miles de ciudadanos europeos sean engañados a diario [10]. Se les ha ofrecido a importantes *lobbies* la posibilidad de redefinir qué es un medicamento, y ahora venden azúcar a personas enfermas y les hacen creer que puede curarles o mejorar su salud. Esto ha ocasionado muertes, y lo seguirá haciendo, hasta que Europa admita una realidad indiscutible: el conocimiento científico no puede doblegarse ante los intereses económicos de unos cuantos, máxime si eso implica engañar a pacientes y vulnerar sus derechos.

Europa se enfrenta a otros problemas de salud pública muy serios. La medicalización excesiva de la población, la generación de bacterias multirresistentes o los problemas de financiación de los sistemas públicos de sanidad ya son demasiado graves como para añadir, además, la presencia de gurús, falsos médicos o incluso médicos titulados que dicen poder curar el cáncer (o cualquier otra enfermedad) manipulando *chakras*, comiendo azúcar o aplicando “frecuencias cuánticas”. Europa

no solo debe detener el fomento de la homeopatía, sino que debe luchar de forma activa por erradicar las estafas de salud pública que implican las más de 150 pseudoterapias presentes en nuestro territorio. La vida de miles de ciudadanos depende de ello. De hecho, según estudios recientes [11], el 25.9% de los europeos han utilizado pseudoterapias en el último año, es decir, 192 millones de pacientes engañados.

Existe la creencia de que hay un conflicto entre la libertad de elección de un tratamiento médico y la eliminación de pseudoterapias, pero no es cierto. Según el artículo 25 de la Declaración Universal de los Derechos Humanos, toda persona tiene derecho a la asistencia médica. Mentir a los enfermos para venderles productos inservibles que pueden matarlos incumple el derecho de los ciudadanos a recibir información veraz sobre su salud. Así que, aunque un ciudadano tiene derecho a renunciar a un tratamiento médico estando correctamente informado, también es cierto que nadie tiene derecho a mentirle para obtener lucro económico a costa de su vida. Solo en un mundo donde consideráramos que mentir a un enfermo para obtener su dinero fuera ético, podríamos permitir que se siguiera vendiendo homeopatía —o cualquier otra pseudoterapia— a los ciudadanos.

El peligro de las pseudociencias no solo está en la sustitución de tratamientos efectivos por otros engañosos. Además, existe un obvio retraso en la atención terapéutica en todos aquellos enfermos que, ante los primeros signos de una enfermedad, reciben productos falsos en lugar de medicamentos. Muchas veces, cuando llegan a la medicina, ya es demasiado tarde. También, varias de estas prácticas tienen efectos graves por sí mismas y pueden producir daños, e incluso la muerte, debido a sus efectos secundarios.

Muchos pseudoterapeutas argumentan que las prácticas de “la otra medicina” también tienen efectos secundarios, y es verdad. Pero la diferencia es que las pseudoterapias no pueden curar o mejorar una enfermedad, asumiendo el paciente un riesgo a cambio de promesas que, con todo el peso de la evidencia científica, son un engaño. Mentir a un enfermo no es otro tipo de medicina, es mentir a un enfermo.

Cada país tiene que enfrentarse al problema de las pseudoterapias a su modo. Sin embargo, no es admisible que las leyes europeas amparen la tergiversación de la realidad científica para que miles de ciudadanos sean engañados, e incluso mueran.

Así pues, los firmantes de este manifiesto declaran que:

1. El conocimiento científico es incompatible con los postulados de las pseudoterapias, como el caso de la homeopatía.
2. Las leyes europeas que protegen y amparan la homeopatía son inadmisibles en una sociedad científico-tecnológica que respeta el derecho de los pacientes a no ser engañados.
3. La homeopatía es la pseudoterapia más conocida, pero no es la única, ni tampoco la más peligrosa. Otras como la acupuntura, el *reiki*, la Nueva Medicina Germánica, el biomagnetismo, la iridología, la terapia ortomolecular y un largo etcétera, están ganando terreno y causando víctimas.
4. Hay que tomar medidas para frenar las pseudoterapias porque no son inocuas y producen miles de afectados.
5. Europa debe trabajar en la dirección de crear leyes que ayuden a detener este problema.

No es coherente que desde Europa se eleve la preocupación por el fenómeno de la desinformación y a la vez se ampare uno de sus tipos más peligrosos: la desinformación en temas de salud. Por todo ello, las personas que firman este manifiesto animan a los gobiernos de los países a los que pertenecen a poner fin a un problema que utiliza falsamente el nombre de la ciencia y que ya le ha costado la vida a demasiada gente.



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Hans Kristian Lauritsen	Physician, MD
Ines Willerslev Jørgensen	Physician, MD
Jakob Krogsager	Physician, MD
Jakob von Halling Regeur	Physician, MD
Jan Lindebjerg	Physician, MD
Jannie Hjerpe	Physician, MD
Jonas Olsen	Physician, MD
Kira Lundin	Physician, MD
Kristina Aaskjær Olesen	Physician, MD

Maria Knudsen	Physician, MD
Mark Preben Lyngbaek	Physician, MD
Mathias Secher Appel Moellehave	Physician, MD
Naja Bjørslev Lange	Physician, MD
Nikolaj Palasin Sode	Physician, MD
Patrick Eriksen	Physician, MD
Peter James Bruhn	Physician, MD
Sarah Grunnet	Physician, MD
Søren Thorgaard Bønløkke	Physician, MD
Thomas Knutzen	Physician, MD
Tommy Hemmert Olesen	Physician, MD
Trine Hyttel	Physician, MD
Anja Falk Riecke	Physician, MD
Nikolaj Thure Krarup	Physician, MD
Thomas Lyngaa	Physician, MD
Mikkel Taudorf	Physician, PhD
Andreas Carus	Physician, PhD
Anne Sofie Brems-Eskildsen	Physician, PhD
Bieke Schrijvers	Physician, PhD
Kasper Bostlund Assersen	Physician, PhD
Mette Lundgren Nielsen	Physician, PhD
Mikkel West-Nørager	Physician, PhD
Per Gundtoft	Physician, PhD
Philip Hansen	Physician, PhD
Pia Holland Gjørup	Physician, PhD
Søren Mouritsen	Physician, PhD
Trine Boysen	Physician, PhD
Trine Maria Mejnert Jorgensen	Physician, PhD
Rasmus Pabst Andersen	Physiotherapy, Bch
Michael Ravn Vainø	Physiotherapy, Dipl
Ronni Eg Sahl	Psychologist, MS
Christoffer Bruun Korfitsen	Psychologist, MS
Lars Klingenberg	Psychologist, PhD
Robin Kok	Psychologist, PhD
Laura Ferrero-Miliani	Physician, PhD
Telma Lança	Biologist, BS

ESTONIA

Name	Academic training
Ott Maidre	Biologist, BS
Elton Pullerits	Engineer, Eng
Erik Abner	Genetics, PhD
Erki Kärber	Materials Engineer, Eng
Kaspar Kaju	Pharmacist, MS
Kuido Nõmm	Physician, MD
Karmen Joller	Physician, MD
Ingmar Lindström	Physician, MD
Anne Kaldoja	Physician, MD
Niina Biseva	Physician, MD
Kaido Kangur	Physician, MD
Peeter Laasik	Physician, MD
Marje Oona	Physician, MD
Piret Rospu	Physician, MD
Tiiu Lind	Physician, MD
Mari Einberg	Physician, MD
Anneli Elme	Physician, MD
Katlin Otti	Physician, MD
Hans-Erik Ehrlich	Physician, MD
Veera Bušina	Physician, MD
Mirjam Viirelaid	Physician, MD
Kristen Reinmann	Physician, MD
Lagle Suurorg	Physician, PhD
Jüri Laasik	Physician, PhD
Neeme Tõnisson	Physician, PhD
Tuuli Metsvaht	Physician, PhD
Mark Braschinsky	Physician, PhD
Margus Tõnissaar	Psychologist, PhD

FRANCE

Gimel	AgroParisTech
Malavielle	Anesthésiste Réanimateur
Larcher Claire	Anesthésiste Réanimateur
Fournet Benoit	Assistant hospitalier
Ferreras Carlos	Audioprothésiste

Morisset	Biométrie appliquée, épidémiologie
Descoux JérémY	Cardiologue
Guillaume Bec	Chercheur biochimie
Tony Ducrocq	Chercheur en informatique
Azzedine Lakhlifi	Chercheur en physique
Romain Cochard	Chirurgie dentaire
Cyril Vidal	Chirurgien dentiste
Luca Paolino	Chirurgien digestif
François Morel	Chirurgien maxillo faciale et stomatologue
Elise Meret	Chirurgien ORL
Alexandre Yver	DES Médecine générale
Salley	Desc chirurgie vasculaire, Desc chirurgie cardio vasculaire et thoracique, DES de chirurgie generale
Edgar Parnaudeau	DESS Psychologie
Serge Christin	DESS PSYCHOLOGIE CLINIQUE ET PSYCHOPATHOLOGIE
Karine Creyx	Diététique
Vausselin	Diplôme d'état de docteur en pharmacie
Nicolas Zawadka	Diplôme d'état de docteur en médecine générale
Aflalo Joanna	Diplôme d'état de psychomotricien
Contal	Docteur
Filipe De Vadder	Docteur en biologie
David Provost	Docteur en chimie organique
Courant	Docteur en chirurgie dentaire
Romain Durand	Docteur en chirurgie dentaire
Yann Duroc	Docteur en genetique
Laterre	Docteur en medecine
David Gaetan	Docteur en médecine
Jean-Francois Grenier	Docteur en Médecine
Beausire David	Docteur en Médecine
Abela Romain	Docteur en Médecine
Viault	Docteur en Médecine
Antoine Ospital	Docteur en Médecine
Oviedo	docteur en médecine
Roux Philippe	Docteur en médecine
Laurent Brindel	Docteur en médecine
Serge Zakine	Docteur en Médecine
Pascal Gaby	docteur en médecine , médecine d'urgence, médecine générale
Chabardès Arnaud	Docteur en médecine, spécialisé en médecine générale
Rémi Mariey	Docteur en médecine. Chirurgien orthopédiste
Maud Beaudoin	Docteur en Neurosciences
Bontemps Florence	Docteur en pharmacie

Quentin Lehoux	Docteur en pharmacie
Bisson	Docteur en pharmacie
Bergeaud	Docteur en pharmacie
Véronique Laborde	Docteur en Pharmacie
Bourlioux Marc	Docteur en Pharmacie
Colliat	Docteur en sciences
Frédéric Debaste	Docteur en sciences de l'Ingénieur
Stoclet	Docteur es Sciences, Pharmacien
Leclaire Anthony	Docteur Vétérinaire
Jarnoux Annic	Docteure en médecine
Jennifer Renoux	Doctor in Artificial Intelligence
Deniel	Doctorant
Jérémy Barbier	Doctorant
Adrien Boniface	Doctorant en biologie
Paul Mangel	Doctorant physique
Guimpel	Doctorat
Simon Emeline	Doctorat
Dacheux Estelle	Doctorat
Virgile ADAM	Doctorat
Donnart Tifenn	Doctorat
Julien Gaillard	Doctorat
Alexis QUENTIN	Doctorat
Thomas Fromenteze	Doctorat - Électromagnétisme Électronique
Joseph Garnier	Doctorat (PhD)
Emmanuel Roquette	Doctorat (PhD)
Jacques Malavieille	Doctorat 3ème Cycle et Thèse d'état Géosciences
De Lamotte Frédéric	Doctorat biologie
Laurent Vanoye	Doctorat catalyse
Laetitia Bigot	Doctorat de sciences de la vie
Benoit Pierre	Doctorat d'Université (Pharmacie)
Gambari	Doctorat en biologie
Aurélié Quinard	Doctorat en Biologie de l'évolution / Ecologie comportementale
Marine Cadiou	Doctorat en Biophysique
Remy ROBINOT	Doctorat en Immunologie/Cancérologie
Jean-François Dufayard	Doctorat en informatique, systèmes et communication
Marsan	Doctorat en médecine générale
Damien Vansteene	Doctorat en médecine, DES d'oncologie médicale, DIU de nutrition
Bernard GIUSIANO	Doctorat en Médecine, Doctorat d'Etat en Biologie Humaine
Antoine Van Vooren	Doctorat en sciences, Master en Chimie
Lafranque	Double diplôme ingénieur chimie et procédés - M2 chimie du cycle du combustible nucléaire

Tania Louis	Dr en Biologie-Santé
Yann Hodé	Dr en med, Dr es Sciencs en neuroscience, Dr es Science en Informatique
Édouard Douriez	Dr en Pharmacie, Dr en Sciences, DES Pharmacie Industrielle et Biomédicale, DEA Toxicologie Fondamentale et Appliquée
Féger	Dr ès Sciences en Neurophysiologie/ Pr de Pharmacologie
Anthony Fleury	Dr. et HDR en informatique appliqué à la santé
Nataf	Ergothérapeute
Thomire	Faculté de médecine
Gaelle Geron	Gynécologie Obstétrique
François Leulier	Habilitation à diriger des recherches - Doctorat en biologie
Matthieu Clerget-Gurnaud	IDE
Thibault Piet	IDE
Julien Genty	IDE
Denis Faustin	IDE
Xavier Veron	IDE
Meziane	IFSI CASH de NANTERRE
Echenne	Infirmier
Callede	Infirmier + étudiant en Master de Santé Publique
Florent Avry	Infirmier anesthésiste
Gaydon Cyril	Infirmier anesthésiste
Martinez Julien	Infirmier diplômé d'état
Fernandez Gwenaëlle	Infirmiere
Sandrine Margueron	Infirmière Educatio Nationale
Frédéric Le Gac	Informaticien
Delaveau	Ingenieur
Jean-Michel Perque	Ingénieur
Alexandre Lacroix	Ingénieur
Quentin Lavaud	Ingénieur biomédical
Quentin Rousset	Ingénieur biotechnologiste
Aude Sirven	INgenieur de l'ecole polytechnique +Doctorat de biologie
Cyrille Jeancolas	Ingénieur de l'Institut des Sciences et Industries du Vivant et de l'Environnement (AgroParisTech) spécialisé en bioingénierie cellulaire et moléculaire.
Jordan Belisard	Ingénieur diplômé et doctorant en mathématiques appliquées
Charles-Antoine Truchon	Ingénieur en Agriculture
Julien Renou	Ingénieur Génie biologique
Armand Lattes	ingénieur, Dr ès sciences physiques, Dr en pharmacie
Roxane Varengue	Interne de pédiatrie
Veil	Interne de santé publique, Msc epidemiologie
Alexandre Behouche	Interne en anesthésie réanimation, Docteur en pharmacie, Master en sciences

Henri Wohrer	Interne en Gynécologie Obstétrique
Vianney Tuloup	Interne en pharmacie
Jordan Bouter	Interne Oncologie
Desjardins	Kiné
Antoine Quintard	Kinésithérapeute
Guy Marin	Kinésithérapeute
Bastien Roche	Kinésithérapeute ; Master 2 Recherche en réadaptation.
Victor LEBRAULT	Kinésithérapeute DE
Theo-Piwowarczyk	Kinésithérapie
Ruben Blaize	Kinésithérapie
Lacoste Gaëtan	Kinésithérapie
Raphael Dubois	kinésithérapie
Florian Damas	Licence Physique - Master Physique Fondamentale - Doctorat Physique Subatomique
Hugo Thomas	Masseur Kinesitherapeute
Cabot	Masseur kinésithérapeute
Hugo Compagnon	Masseur Kinésithérapeute
Jaouen Romain	Masseur Kinésithérapeute diplôme d'Etat
Grégoire Maire	Masseur Kinésithérapeute diplôme d'Etat
Mickael Duveau	Masseur Kinésithérapeute diplôme d'Etat
Maxime Kosmala	Masseur Kinésithérapeute diplôme d'Etat
Palomares Samuel	Masseur Kinésithérapeute diplôme d'Etat
Marie Miller	Masseur-kinésithérapeute
Nadir Laïd	Masseur-kinésithérapeute diplômé d'état
Corentin Guigot	Master : Recherche en Physique Subatomique
Dechaud Corentin	Master bioinformatique moléculaire : methodes et analyses, actuellement en 3ème année de thèse
Guillaume Petiot	Master droit de la santé
Alexandre Tetard	Master en cancérologie Doctorant bactériologie
Girod	Master en kinésithérapie
Nicolas Minier	Master ingénierie biomédicale - biomatériaux ("BioMedical Engineering in Paris" master program, subtrack "Biomaterials")
Maillefert	Master MEEF S2IME
Omar El Hamoui	Master Sciences de la Vie parcours Ingénierie et Chimie des Biomolécules
Montès	MCF Écologie et enseignement esprit critique
Paquet	MD
Pradel Vincent	MD Ph D
Andrea Lazzati	MD PhD
Thomas GILLE	MD, PhD
Xavier Laberrenne	Medecin
Vincent Ropars	Médecin

Céline Berthié	Médecin
Georges Delamare	Médecin
Corinne Hamel	Médecin
Julien Sandjivy	Médecin
Sandrine Manière	Médecin
Mahefa Mara	Médecin
Olivier Ladon	Médecin
Mathieu Pizon	Médecin
Mathieu Van Dessel	Médecin
Nicole Vimont	Médecin
Anne Dambor	Médecin
Maeva Hegron	Médecin
Guillaume David	Médecin
Emilie Pinon	Médecin
Jean-Jacques Fraslin	Médecin
Sébastien Pouzoulet	Médecin
Erwan Zidi	Médecin
Matthieu Casanova	Médecin
Jean Patrick Maillard	Médecin
Anne Visdominé	Médecin
Pierre Marc Lallemand	Médecin
Caroline Chavignac	Médecin
Claire Pluchart	Médecin
Moreau	médecin
Jean-Christophe Nogrette	MÉDECIN
Esfandi David	Médecin
Bernard Wattrelot	Médecin
Ivan Lerner	Médecin
Cécile Toper	Médecin
Alban Giguët	Médecin
Isabelle Tassin	Médecin
Dardenne	Médecin
Peris	Médecin
Louis Champetier De Ribes	Médecin
Wautier Anne	Médecin - gynécologue médicale
Schneider	Médecin Biologiste
Abittan	médecin gastro enterologue
Calafiore Matthieu	Médecin généraliste
De Bremond D'ars Pierre	Médecin généraliste
Mazan	médecin généraliste
Mathieu Piccoli	Médecin gériatre

Vercueil Laurent	Médecin hospitalier en centre hospitalier universitaire
Pascale Brichon	Médecin pédiatre
Véronique Christine Tissier	Médecin pédiatre
Le Coustumier	Médecin pneumologue infectiologue
Pascal Christine	Médecin spécialiste en radiodiagnostic
Thomas LE BERRE	Médecine générale
Anne Marie Panet	Médecine générale
Bonnet	Médecine générale
Jean Christophe Breton	Médecine générale
Baptiste Vachon	Médecine, internat et clinicat de MG
Nicolas Cornière	Néphrologie
Julien Gere	Neurologue
Tarroux	Odontologie
Kania	orthopediste podologue
Marion Cyprien Patry	Orthophonie
Aurélien Carli	Orthophoniste
Perine Balbiani	Orthophoniste
Anne Charbonneau	Pédiatrie médicale
Benoit Guillot	Pharmacie
Roger Ducouso	Pharmacie
Govin	Pharmacien
Alain Groulard	Pharmacien
Pierre Bourlioux	Pharmacien
Frédéric Lagarce	Pharmacien
Pierre Filhine Tresarrieu	Pharmacien
Hichem Bouchenaki	Pharmacien - Phd student
Camille Paradis	Pharmacien adjoint d'officine
Laganier	Pharmacien Biologiste Médical
Antoine Le Joubioux	Pharmacien hospitalier
Jérôme Grosjean	PharmD, MsC, medical biologist
Coquelle Nicolas	Phd
Pierre Mengal	Phd
Thomas Durand	Phd
Camille Morel	PhD
Georges Steven	Phd Biologie-santé
Laurent Decret	PhD Chimie
Frédéric Mazoit	Phd en informatique
Simon Thierry	Phd informatique
Marc Landry	PhD Neuroscience
Rosa Ramirez	PhD Physique
Théo Accogli	Phd student

Corentin Lefebvre	Phd student
Sébastien Delhay	Phd student
Yoann Montigaud	Phd student
Philippe Audion	Physiothérapie
Corinne Perdrix	Pr associée de médecine
Jacques Milliez	Pr de médecine
Guy Devaux	Pr de pharmacie
Guillaume Le Baut	Pr de pharmacie
Cyril Domptail	Professeur agrégé de génie mécanique
Laurence Compagnon	Professeur de médecine générale
Durando	Professeur des université Praticien hospitalier
Pr Jacques Hm Cohen	Professeur des Universités / Praticien Hospitalier
Charlotte Richoux	Psychologue
Christelle Ledour	Psychologue
Jean Louis Adrien	Psychologue
Eugénie Launay	Psychologue
Dr Christian Lehmann	spécialiste en médecine générale
Sylvain Routhiau	Technicien de laboratoire médical
Cécilia Illie	Université de médecine
Fastier Antony	Vétérinaire
Laurène Anne	Vétérinaire
Auréli Le Brettevillos	Vétérinaire
Pierre-Louis Malaize	Vétérinaire
Alain Braillon	Physician, PhD
Noel Urosa Cruz	Physiotherapy, BC
Amélie Beagrand	Physician, MD
Alejandro Manzano	Genomic Sciences, PhD
Anouk Willemsen	Biologist, PhD
Susana Quijano Roy	Physician, MD
Ismael Kenneth Ortega Colomer	Chemist, PhD
Cyrille Monin	Physician, MD
Daniel Ruiz Vallejo	Physiotherapy, MS
Point Sébastien	Physicist, PhD, Psychologist, MS
Jose Maria Montoya Teran	Biologist, PhD
Olga Pacios Santamaria	Biotechnologist, MS
Maria Benavente Diaz	Biologist, MS
Ferdinand Roesch	Biologist, PhD
Marie Cachera	Biologist, MS
Sergey Kolchenko	Biologist, MS
Laura Barrio Cano	Biologist, PhD
Matthias Wagner	Biochemist, MS

Ana Llopis Moreno	Physiotherapy, Dipl
Mathieu Bohm	Biologist, PhD
Yamini Ravichandran	Biotechnologist, MS
Kartik Soni	Biologist, PhD
Roberto Palacios Ramirez	Biologist, PhD
Andrés Trujillo León	Engineer, PhD
Lamia Slitine	Docteur en Médecine
Frank Ramus	Docteur en Science Cognitive
Eric Postaire	Docteur es sciences pharmaceutiques
Jean Roger Claude	Dr en pharmacie, Pr de toxicologie
Kevin Moris	Ingénieur chimiste, professeur agrégé
Mickael Bettoun	Interne en Médecine générale
Clémence Ponsin	Orthophoniste
Noémie Perez	Pédiatre
Kevin Réby	Pedicure-podologue /// Bioinformatique
Olivier Dodier	PhD psychologie
Henri Broch	Professeur de Physique et de Zététique, Université Nice Sophia Antipolis
Jerome Chantreau	Vétérinaire
Van Dessel	Medecin
Cassoret Bertrand	Ingénieur, doctorat en génie électrique
Gilles Geirnaert	Docteur-ingénieur
Melanie Martínez	Master psychologie
Antony Fastier	Vétérinaire
Jacques Levy	Médecin
Emilie Raigue	Psychologue
Milena Kostova	Psychologue
Theisseire	infirmière
Jean Fluchere	ingénieur en électricité et génie atomique
Maëlle Gervais	orthophoniste
Hague Sebastien	Psychologue
Morehead Juliette	Psychologue
Charles Lourioux	infirmière
Christophe D'hulst	Docteur en Biologie et HDR
Pedro Reis	Physician, MD
Myriam Heuertz	Biologist, PhD
Ana Rivero	Biologist, PhD
Marie Mélissa Jasmin	Biologist, PhD

GERMANY

Name	Academic training
Clara de la Rosa del Val	Biochemist, BS
Anna Riedl	Biologist, BS
Carmen Villacañas de Castro	Biologist, MS
Felix Eching	Biologist, MS
Miguel Vences	Biologist, PhD
Friedemann Weber	Biologist, PhD
Rainer Wolf	Biologist, PhD
Jennifer Werner	Biologist, PhD
Christian Honey	Biologist, PhD
Anna Salamero Boix	Biomedical Sciences, MS
Pablo de Vera Gomis	Chemist, PhD
María Martínez Negro	Chemist, PhD
Núria González	Chemist, PhD
Claus Beninga	Chemist, PhD
Bastian Ebeling	Chemist, PhD
Matthias Schmidtblaicher	Computer engineer, Eng
Martin Wilhelm	Computer Engineer, MS
Matthias Amen	Economist, PhD
Stefan Schwar	Engineer, Eng
Ralf Wempen	Engineer, Eng
Benjamin Remmers	Engineer, Eng
Oliver Stumpf	Engineer, Eng
Norbert Aust	Engineer, PhD
Christoph Schumacher	Mathematician, PhD
Birgit Richter	Mathematician, PhD
Anna Wolf	Musicology, PhD
Daniel Merker	Nanosciences, MS
Claus von der Decken	Nurse, Dipl
Philip Schunke	Nurse, MS
Armin Dittmer	Nurser, Dipl
Michael Grote	Nurser, Dipl
Christine Henke	Pharmacist, BS
Viola Stuppe	Pharmacist, BS
Sarah Ebeling	Pharmacist, BS
Josefa Zaldivar Diez de Bonilla	Pharmacist, PhD
Viliam Masaryk	Physician, MD
Johannes Köbberling	Physician, MD

Alexander Afrim	Physician, MD
Natalie Grams	Physician, MD
Michael Sturm	Physician, MD
Rudolf Happle	Physician, MD
Norbert Schmacke	Physician, MD
Claudia Nowaxk	Physician, MD
Holger Kühn	Physician, MD
Franz Weilbach	Physician, MD
Christian Hawel	Physician, MD
Teresa Bernal	Physician, MD
Friederike Hahne	Physician, MD
Hildegard Fläschner	Physician, MD
Guenther Jonitz	Physician, MD
Niklas Müller	Physician, MD
Andreas Breß	Physician, MD
Hans-Werner Bertelsen	Physician, MD
Elisabeth Grunwald	Physician, MD
Janusz Ingwersen	Physician, MD
Christian Lübbers	Physician, MD
Sabine Jo As	Physician, MD
Timo Gräf	Physician, MD
Clemens Kamrath	Physician, MD
Wolfgang Vahle	Physician, MD
Diana Joka	Physician, MD
Jennifer Menge	Physician, MD
Haneke Eckart	Physician, MD
Hazem Juratli	Physician, MD
Peter Grimm	Physician, MD
Christoph Lang	Physician, MD, Psychologist, BS
Köhler, Jens-Uwe	Physician, PhD
Hans Wolff	Physician, PhD
Jens Homfeld	Physicist, BS
Dustin Hebecker	Physicist, MS
Jano Gil Lopez	Physicist, MS
Jesus Torrado Cacho	Physicist, PhD
Björn Feuerbacher	Physicist, PhD
Angelika Mennecke	Physicists, Dipl
Susanne Hoebbel	Physiotherapist, Dipl
Thore Zuber	Psychologist, BS
Thomas Schregel	Psychologist, BS
Dieter Rohmann	Psychologist, BS

Sandra Loohs	Psychologist, BS
Ellen Brinkmeier	Psychologist, Dipl
Birgit Wiegand	Psychologist, Dipl
Guillermo Hidalgo Gadea	Psychologist, MS
Tobias Kalenscher	Psychologist, PhD
Rolf Wagels	Veterinary Sciences, BS
Anika Söhner	Veterinary Sciences, PhD
Thomas Fuchs	Physician, MD
Mathurin Dorel	Biologist, MS
Raphael Sanders	Veterinary Sciences, BS
Peter Mueller	Physician, MD
Philipp Schürmann	Veterinary Sciences, PhD
Stephanie Platzer	Biologist, BS
Michael Marks	Physicist, PhD
Matthias Döcke	Nurser, Dipl
Katharina Jansen	Chemist, BS
Nicolas Wöhr	Physicist, PhD
Thomas Bergmann	Engineer, Eng
Doris Hönig	Physiotherapist, Dipl
Jens Hartmann	Computer engineer, Eng
Oliver Mummer	Pharmacist, BS
Alexander Ramm	Physician, MD
Gerd Krisam	Chemist, PhD
Christian Urschel	Physician, MD
Hans Rohnert	Computer engineer, Eng
Gunnar Schulz	Physicist, BS
Svenja Eckert	Psychologist, Dipl
Stefan Oellerer	Biochemist, PhD
Max Christopher Lindemann	Engineer, MS
Nigar Seker	Physician, MD
Reinhold v. Zimmermann	Physician, MD
Isabel Schneider	Sport Sciences, MS
Martin Hohenkirch	Nurser, Dipl
Oliver Harney	Physician, PhD
Patrick Larscheid	Physician, MD
Julia Folz	Physician, MD
Johannes Hüsing	Statician, BS
Andreas Ploch	Physician, MD
Britta Kunert	Physician, MD
Axel Weber	Physician, MD
Daniel Herrscher	Computer engineer, PhD

Ingo Gregor	Chemist, PhD
Klaus Schröder	Engineer, Eng
Prof. Dr. med. Uwe Wollina	Physician, MD
Cinthia Briseño	Biochemist, PhD
Ehrenfried Schindler	Physician, MD
Leona Kater	Psychologist, MS
Andreas Pelz	Biologist, MS
Markus Drumm	Chemist, PhD
Jost Kaufmann	Physician, PhD
Ina Sternberger	Biologist, PhD
Konstantin Gröber	Chemist, MS
Till Sanftleben	Physician, MD
Cauê Corrêa da Silva	Engineer, Eng
René Pollmann	Physicist, PhD
Ulrich Erkelenz	Physician, MD

ITALY

Name	Academic training
Serena Saracchi	Agronomical Engineer, Eng
Nadia Rappo	Biologist, BS
M. Laura Morini	Biologist, BS
Michelangelo Cordenonsi	Biologist, BS
Capano Giovanni	Biologist, BS
Davide Guarnaccia	Biologist, BS
Marcella Rosignoli	Biologist, BS
Elena Roscio	Biologist, BS
Adriano Sofo	Biologist, BS
Marco Ferraguti	Biologist, BS
Emilia Giannella	Biologist, BS
M. A. Carmela Putzulu	Biologist, BS
Demarco Manola	Biologist, BS
Serena Cecchetti	Biologist, BS
Francesca Pedini	Biologist, BS
Graziella Morace	Biologist, BS
Massimo Meregalli	Biologist, BS
Riccardo Pesaresi	Biologist, BS
Andrea Genre	Biologist, PhD
Niccolò Candelise	Biologist, PhD
Riccardo Gallina	Chemist, BS

Pellegrino Conte	Chemist, BS
Vincenzo Santagada	Chemist, BS
Alessandro Rusconi	Chemist, BS
Delfini Cristiano	Chemist, BS
Cecilia Bernardini	Chemist, BS
Alessandra Smarra	Chemist, BS
Monzani Michela	Chemist, BS
Raffaella Recchia	Chemist, BS
Alfredo Tifi	Chemist, BS
Rodolfo Giometti	Computer Engineer, Eng
Alberto Bianco	Computer Engineer, Eng
Gianluigi Forno	Computer Engineer, Eng
Marco Biglieri	Engineer, Eng
Sergio Del Citto	Engineer, Eng
Luigi Bodria	Engineer, Eng
Gabriele Tacchi	Engineer, Eng
Stefano De Pietri	Engineer, Eng
Luca De Marini	Engineer, Eng
Laura Francoletti	Enviromental Sciences, BS
Laura Ruzittu	Mathematician, BS
Viviana Basello	Nurser, Dipl
Sandro De Angelis	Nurser, Dipl
Federica Fiocco	Nurser, Dipl
Simone Pieri	Nurser, Dipl
Benincasa Vincenzo	Pharmacist, BS
Cristina Fanni	Pharmacist, BS
Maria Teresa Genero	Pharmacist, BS
Lisa Dacome	Pharmacist, BS
Daniele Jommi	Pharmacist, BS
Silvia Trespidi	Pharmacist, BS
Maria elena giusepponi	Pharmacist, BS
Giulio Lanzi	Physician, MD
Francesco Pata	Physician, MD
Veerle Goossens	Physician, MD
Andrea Piedimonte	Physician, MD
Raffaello Cimme	Physician, MD
Dalla Vecchia Sabina	Physician, MD
Mauro Camassa	Physician, MD
Silvia Meli	Physician, MD
Maria Martina Patriarca	Physician, MD
Rinaldo Picciotto	Physician, MD

Concetta Liberatore	Physician, MD
Mariangela Katia Pallaver	Physician, MD
Gaetano Riva	Physician, MD
Giorgio Dobrilla	Physician, MD
Chiara Lestuzzi	Physician, MD
Ombretta Martelli	Physician, MD
Giacomo Bertacchi	Physician, MD
Lando Barberio	Physician, MD
Francesco Zuccaro	Physician, MD
Enzo Nisoli	Physician, MD
Nicola Mobilio	Physician, MD
Raffaele Viridis	Physician, MD
Cecilia Brambilla	Physician, MD
MAZZOTTA DIONISIA	Physician, MD
Luca Ansaloni	Physician, MD
Maria Chiara Addarii	Physician, MD
Donatella Licheri	Physician, MD
Marco Delli Zotti	Physician, MD
fernando maxia	Physician, MD
Marco Granata	Physician, MD
Massimo Albertin	Physician, MD
Alessio bosco	Physician, MD
Gianni Simonati	Physician, MD
Salvo Di Grazia	Physician, MD
Sara Fattori	Physicist, BS
Ambra Frediani	Physicist, BS
Maria Cristina Valsecchi	Physicist, BS
Sebi Curreli	Physicist, BS
Giuseppe Molteni	Physicist, BS
Maurizio Dapor	Physicist, PhD
Michele Marelli	Physioterapist, Dipl
Luiz Felipe Nevola Teixeira	Physioterapist, Dipl
Marco Vicentini	Psychologist, BS
Stefano Sacchetti	Psychologist, BS
Francesca Rubino	Psychologist, BS
Giovanni Quarena	Veterinary Sciences, BS
Pietro Barbaro	Pharmacist, BS
Andrea Grasso	Pharmacist, BS
Eleonora Galmozzi	Physician, MD
Domenico D'Erasmo	Physioterapist, Dipl
Gaetano Giammarino	Chemist, PhD

Cherubino Di Lorenzo	Physician, MD
Elio Truzzolillo	Economist, BS
Antonio Catuogno	Physician, MD
Sandro Gregorio	Physician, MD
Antonio Cannata	Chemist, BS
Marzio Corsi	Physician, MD
Gilberto Bonaga	Geologist, BS
Neviani Annalisa	Physician, MD

NETHERLANDS

Name	Academic training
S. Zerp	Biochemist, MS
Werner JH Koopman	Biochemist, PhD
O. Kalverda	Biologist, BS
Henk van der Pol	Biologist, BS
Richel Bilderbeek	Biologist, BS
Henk Heida	Biologist, BS
Jeroen Terwoert	Biologist, MS
Samuel Garcia Perez	Biologist, PhD
Steven Raaijmakers	Biologist, PhD
Bart van Houte	Biologist, PhD
Daniel Tamarit	Biologist, PhD
Pim van Hooft	Biologist, PhD
Jeroen Kneppers	Biologist, PhD
Herbert H.T. Prins	Biologist, PhD
Javier Ortega Julia	Biomedical engineer, Eng
Marijke Verlaan	Biotechnologist, MS
Hans Smeenk	Chemical Engineer, Eng
Cas de Bruijn	Chemical Engineer, Eng
Ben Dijkhuis	Chemist, BS
Peter J Boogaard	Chemist, BS, Pharmacist, PhD
Robert Bendsdorp	Chemist, MS
Ruud Herold	Chemist, MS
Wim Taelman	Chemist, MS
Frans Boomsma	Chemist, PhD
Pim van Dijk	Chemist, PhD
Rob Hooft	Chemist, PhD
Mark Harvey	Chemist, PhD
Marinus Bogers	Chemist, PhD

Barry Wildhagen	Computer engineer, MS
Jasper Eikelboom	Environmental sciences, PhD
Arie Weeren	Mathematician, PhD
Gerard te Meerman	Mathematician, PhD
Sander van Kuijk	Medical Technologist, PhD
EHC Berends	Nurser, Dipl
M.G. Brandt	Nutritionist, Dip
Sytske Aukes	Orthopedagogue, BS
Hayo Graatsma	Pharmacist, BS
Nico Van Berkel	Pharmacist, BS
D.F.Schouten	Pharmacist, BS
H. van Asperen	Pharmacist, BS
Klaas Reuvers	Pharmacist, BS
Herma Jonkers	Pharmacist, BS
Rob ter Heine	Pharmacist, PhD
Johan Braeckman	Philosopher, PhD
Catherine de Jong	Physician, MD
Cees Renckens	Physician, MD
Ingrid de Zwart	Physician, MD
Shaneeta Heer-Garcha	Physician, MD
Juriaan Stassen	Physician, MD
R.T.J. Vlaskamp	Physician, MD
Wilfred P.C. Clevers	Physician, MD
Michiel W. Hengeveld	Physician, MD
C.A.Hiemstra	Physician, MD
Henk Bast	Physician, MD
Sipke Zijlstra	Physician, MD
Arjan de Vos	Physician, MD
MJ Maré	Physician, MD
R.B. van Loon	Physician, MD
A van Bochove	Physician, MD
Alain Maurice de Jong	Physician, MD
Peter Egyedi	Physician, MD
Sjoerd Huizenga	Physician, MD
Jan Lucas Ket	Physician, MD
Robert Stocker	Physician, MD
Hans Bakker	Physician, MD
Wouter Deurholt	Physician, MD
Alice Wagenvoort	Physician, MD
Pepijn van der Eerden	Physician, MD
J.W. Smalenburg	Physician, MD

Johan Bol	Physician, MD
Willem Zijp	Physician, MD
Floris Groenendaal	Physician, MD
Maarten Dicker	Physician, MD
Roelof ten Doesschate	Physician, MD
Daniel Dijkstra	Physician, MD
Emile Alleman	Physician, MD
Paul Pollmann	Physician, MD
tpjvanderhall@ezorg.nl	Physician, MD
Frank Treurniet	Physician, MD
Andra Neefjes-Borst	Physician, MD
Peter Nieboer	Physician, MD
W.A.G.Haagsma-Schouten	Physician, MD
P.S. den Brave	Physician, MD
Jos H.A. Vollebergh	Physician, MD
A. Pijpers	Physician, MD
Stefan Snieders	Physician, MD
R. Molenaar	Physician, MD
I L Bontenbal	Physician, MD
Jaap de Witte	Physician, MD
Martin van Gemert	Physician, MD
L. Tonnaer	Physician, MD
Lex Burghgraef	Physician, MD
Jeroen van Bracht	Physician, MD
Paul van Spiegel	Physician, MD
Martens Jean-Paul	Physician, MD
Guido van der Drift	Physician, MD
Rob Polak	Physician, MD
Jos Bogers	Physician, MD
C.A.Spronk	Physician, MD
A.H. Heck	Physician, MD
R. Bouwman	Physician, MD
Neelco Osinga	Physician, MD
M.J.C. Osinga	Physician, MD
Luuk Schouteten	Physician, MD
Ernst Beun	Physician, MD
Ward Jansen	Physician, MD
J. van Bracht	Physician, MD
Sena Alaeikhanehshir	Physician, MD
B.C. Heeres	Physician, MD
G.R. van den Berg	Physician, MD

Tiddo Mooibroek	Physician, MD
Ad Sitsen	Physician, MD, Pharmacist, PhD
J. Terpstra	Physician, PhD
A. van Eeghen	Physician, PhD
Jan T.M. van der Meer	Physician, PhD
Kees Doets	Physician, PhD
Maarten Boers	Physician, PhD
M.W.Berfelo	Physician, PhD
Frans Helmerhorst	Physician, PhD
Edwin Boel	Physician, PhD
Piet Borst	Physician, PhD
Harm Bruins Slot	Physician, PhD
G.W.Feith	Physician, PhD
Reinoutje Kaas	Physician, PhD
W. Linssen	Physician, PhD
J.H.B. Zeijpveld	Physician, PhD
Douwe A.A. Verkuyl	Physician, PhD
Henk R. van Buuren	Physician, PhD
Maarten Van Kampen	Physicist, BS
Peter Kraft	Physicist, BS
Leo Uittenbroek	Physicist, MS
Paul F. C. Groot	Physicist, MS
Eric T. Ferguson	Physicist, PhD
Leon ter Beek	Physicist, PhD
Albert James Licup	Physicist, PhD
Kees de Jager	Physicist, PhD
Ron Allard	Physiotherapist, Dipl
Hendrik van der Velde	Physiotherapist, Dipl
Bert Bruggeman	Physiotherapist, Dipl
Arnold van Emmerik	Psychologist, BS
Rogier van Erp Taalman Kip	Psychologist, BS
Martin Veenendaal	Psychologist, BS
Jeroen Alleman	Psychologist, BS
Marcel van den Berg	Psychologist, BS
Raimond De Tempe	Psychologist, BS
Hildie van den Berg	Psychologist, MS
Karel Jan Hoogendijk	Psychologist, MS
Wouter van der Leeuw	Psychologist, MS
François Dumoulin	Psychologist, MS
Eric Nieland	Psychologist, MS
Peter Hoogerbrugge	Psychologist, PhD

J. Hans de Vries	Sociologist, BS
Willem van Doesum	Veterinary Sciences, BS
M. Huis in 't Veld	Veterinary Sciences, BS
Cris van der Meiden	Veterinary Sciences, BS
Ad Rijnberk	Veterinary Sciences, BS
Ton de Groot	Veterinary Sciences, MS
Koen Vaessen	Veterinary Sciences, MS
Gabriel Mainer	Veterinary Sciences, PhD
Dick Groothuis	Veterinary Sciences, PhD
Peter Fontilus	Pharmacist, BS
Maximilien Cuny	Biologist, PhD
M. Nieuwenhuizen	Engineer, Eng
Jonathan Tromp	Physiotherapist, MS
Ariane Benedictus-van Rossem	Veterinary Sciences, BS

POLAND

Name	Academic training
Dariusz Skowronski	Physiotherapist, Dipl
Nicolas Beuzen	Biologist, PhD
Piotr J. Popławski	Physician, MD
Karolina Krzeszowska	Psychologist, MS
Tomasz Witkowski	Psychologist, PhD
Ludmiła Zając-Lamparska	Psychologist, PhD
Bartosz Borczyk	Biologist, PhD
Eligiusz Baranowski	Pedagogue, BS
Łukasz A. Turski	Physicist, PhD
Andrzej Sliwerski	Psychologist, PhD
Tomasz Garstka	Psychologist, BS
Ewa Bartnik	Biochemist, PhD
Wojciech Krysztofiak	Philosopher, PhD
Maria Sadowska	Psychologist, BS
Grzegorz Możdzonek	Economist, MS
Tomasz Komendzinski	Psychologist, PhD
Jędrzej Hoborg	Engineer, Eng
Anna Bazydło	Physician, MD
Justyna Świdrak	Psychologist, PhD
Jarek Swiatek	Psychologist, BS
Tomasz Szymborski	Chemist, PhD
Jacek Rysiewicz	Linguistics, PhD

Kamil Izydorczak	Psychologist, MS
Marta Matuszewska	Biotechnologist, MS

PORTUGAL

Name	Academic training
María Fais	Biologist, BS
Pedro Antas	Biologist, PhD
Dennis Eckmeier	Biologist, PhD
Manuel Prieto	Biologist, PhD
Roberto Balbontin Soria	Biologist, PhD
Susana S. Neves	Biologist, PhD
João Freitas	Pharmacist, BS
Gabriel Pulido	Physician, MD
Eduardo Lima da Silva Espada	Physician, MD
Daniel José Marques Augusto	Pharmacist, MS
Carlos Maria Martins da Silva Corrêa	Chemist, PhD
Paula Castilho	Chemist, PhD
Vitor Rodrigues	Physician, MD
Ana Sofia Paulino Afonso	Physicist, PhD
Luís Rosário	Physician, MD
Nuno Fradinho	Physician, MD
Alexandre Valentim Lourenço	Physician, MD
Marta Adriano	Physician, MD
Joana Sousa	Physician, MD
João Martins	Physician, MD
Ines Gonzalez	Physician, MD
Manuel Henriques	Physician, MD
Rosa Ferreira	Physician, MD
Rui Capucho	Physician, MD
Luís Afonso Vouga	Physician, MD
Joao Goncalves	Physician, MD
Pedro Castro	Physician, MD
Diogo Fernandes Geadas	Physician, MD
Flávio Silva	Physician, MD
Teresa Dias	Physiotherapist, Dipl
Rafael de Castro Nobre	Physician, MD
José Miguel Costa Ferreira Marques	Physician, MD
Rui Nunes	Physician, MD

Miguel Santos	Physician, MD
Maria de Oliveira	Physician, MD
M Cristina Tapadinhas	Physician, MD
António Baptista	Physician, MD
Virgínia Soeiro	Physician, MD
Joana Paula	Physician, MD
José Paulo Neuparth Vieira Fernandes	Physician, MD
Victor Gil	Physician, MD
Ana Gonçalves	Physician, MD
Paulo Venâncio	Physician, MD
João Nunes	Physician, MD
Diana Barbosa	Licenciatura em Biologia
António Magalhães	Licenciatura em Medicina
Catarina Pechincha	Mestrado em Biologia Celular e Molecular
Rafael Galupa	Doutoramento em Genética e Biologia do Desenvolvimento
Ricardo Mexia	MD, MPH, EPIET
António Machiavelo	Doutoramento em Matemática
Sérgio Pita Antão	Licenciatura em Ciências da Nutrição
Hugo Paiva	Mestrado em Medicina
Miguel Marta	Licenciatura em Medicina
Daniel Ribeiro	Mestrado em Comunicação de Ciência
Leandro Ribeiro	Mestrado em Medicina
Sérgio Neto	Mestrado em Fisioterapia
Flávio Simões	Licenciatura em Medicina, formação específica Medicina Geral e Familiar
António Maria Trigueiros de Sousa Alvim	Licenciatura em Medicina
Cláudia Leite	Mestrado Integrado em Medicina
Hugo Rodrigues	Licenciatura em Fisioterapia
João F. Lourenço Monteiro	Licenciatura em Biologia / Mestrado em Biologia do Desenvolvimento
Carlos Luís Lousada	Licenciatura em Medicina
Joana Santos	Licenciatura em Medicina
Luís Rosário	Mestrado em Medicina
João Leite da Silva	Mestrado Integrado em Medicina
Susana Ramalhete	Doutoramento em Ciências Farmacêuticas
Maria Margarida Vieira	Doutoramento em Estudos da Criança
Rita Martins	Mestrado em Geologia Dinâmica
Ana da Cunha Pimentel Pereira Barbosa	Licenciatura em Biologia Celular e Biotecnologia, com especialização em Genética Molecular
Luís Quintela	Licenciatura em Fisioterapia

Isabel Ventura	Licenciatura em Medicina
Marlene Calisto	Licenciatura em Medicina
Filipa Senos Moutinho	Mestrado Integrado em Medicina
Joana Lobo Antunes	Doutoramento em Química Orgânica
João Carlos Gonçalves	Mestrado
Filipe Ramos	Mestrado Integrado em Engenharia Electrotécnica e de Computadores
Filipe Pacheco	Licenciatura em Medicina
Ana Nogal	Doutoramento em Ciências Biomédicas
Nuno Madeira	Licenciatura em Medicina
Catarina Espírito Santo	Licenciatura em Medicina
Maria João Moura Paes	Licenciatura em Medicina
Marina Pimentel	Licenciatura em Enfermagem
Paulo Guerreiro	Doutoramento em Ciências Biomédicas
Sara Brandão Machado	Mestrado em Medicina, especialista em Medicina Interna
Susana Lérias	Licenciatura em Medicina Dentária
Helena Teixeira	Mestrado em Ensino da Matemática
Luis Gargate	Doutoramento em Física
Hugo Cadavez	Licenciatura em Medicina
Tiago Nunes	Mestrado Integrado em Medicina Veterinária
Tiago Beites	Doutoramento em Biologia
João Cerqueira	Licenciatura em Medicina
João Pereira	Mestrado Integrado em Medicina Veterinária
Camila Ramos Nóbrega	Licenciatura em Medicina
Catarina Martins	Licenciatura em Ciências Farmacêuticas
Diogo Leitão	Mestrado em Ciências Farmacêuticas
Sérgio Caldeira	Licenciatura em Antropologia
Mariana Fernandes Alves Pereira	Mestrado em Neurociências
Luís Azevedo Rodrigues	Doutoramento
Igor Glória	Mestrado em Medicina
André Moura	Mestrado em Medicina
João Gaspar	Licenciatura em Engenharia Química
Ana Martins	Licenciatura em Química
Marta Simões	Mestrado em Ciências Farmacêuticas
Miguel M. Gonçalves	Doutoramento em Psicologia Clínica
João Aveiro Freitas	Mestrado em Medicina
Mário Certo	Engenheiro de Máquinas Marítimas
Diogo Resende	Licenciatura em Engenharia de Computadores e Telemática
Filipe Araújo	Licenciatura em Medicina
Tânia Sequeira	Licenciatura em Medicina

Pedro Lopes	Licenciatura em Medicina e Licenciatura em Enfermagem
Diogo Caldeira	Mestrado em Medicina
Andreia de Carvalho Dickinson	Licenciatura em Psicologia Clínica
Teresa Pinto	Mestrado Integrado em Medicina
Cláudia Braia	Licenciatura em Ciências Farmacêuticas
Bruno Pepe	Mestrado em Medicina
Paulo Jorge Saraiva dos Santos Luís	Mestrado Integrado em Medicina
Ana Raposo	Licenciatura em Medicina
Sandra Almeida	Licenciatura em Medicina
Joaquim José Tato Fidalgo de Freitas	Licenciatura em Medicina
David Justino	Licenciatura em Ciências Biomédicas
Marta Ilharco	Mestrado integrado em Medicina
Vera Amaral	Mestrado integrado em Medicina
João Pedro Barreiros	Doutoramento em Biologia e Agregação em Etologia
Leonardo Ferreira	Mestrado em Medicina
Soraia Pires	Licenciatura em Fisioterapia
Raquel Costa	Licenciatura em Bioquímica
Sara Paulino Contente	Licenciatura em Medicina
Tiago Jesus	Mestrado em Medicina
João Vasconcelos-Costa	Doutor, Agregado
Neusa Cunha	Licenciatura em Biologia, Mestrado em Criminologia
Diogo Medina	MD MPH MBA
Inês Tello Rodrigues	Doutoramento em Neurociências Cognitivas
Carlos Casado	Licenciatura em Medicina
Carmen Garcia	Licenciatura em Enfermagem
Armando Cavaleiro	Licenciatura em Engenharia Electrónica e de Telecomunicações
Lígia Ribeiro	Licenciatura em Medicina
José Rui Simões	Licenciatura em Engenharia Electrotécnica
Lídia Vieira	Mestrado em Saúde Pública
Ana Vasconcelos	Licenciatura em Medicina Veterinária
Vitor Jesus Marques	Licenciatura em Enfermagem
Sara Rocha	Licenciatura em Análises Clínicas e Saúde Pública
Hugo Ribeiro	Licenciatura em Medicina, Mestrado em Geriatria
Catarina Silva	Licenciada em Medicina
Albino Martins	Mestrado em Medicina
Pedro Machado	Licenciatura em Fisioterapia
Tânia Rita Ferreira da Silva	Licenciatura em Dietética e Nutrição
Maria Margarida Santos Feteira	Licenciatura em Medicina

Francisco Sande Nogueira	Licenciatura em Bioquímica, Mestrado Integrado em Medicina
Jorge Almeida	Mestrado Integrado em Engenharia Electrotécnica e Computadores - ramo Telecomunicações; Licenciatura Pré-Bolonha em Biologia/Geologia
Ana Castanho	Licenciatura em Arquitetura e Produção Alimentar em Restauração, Mestrado em Inovação em Artes Culinárias
Luís Meirinhos Soares	Licenciatura em Bioquímica
João Satiro	Mestrado Integrado em Engenharia Electrotécnica e de Computadores
António Amaral	Licenciatura em Medicina Dentária
Pedro Rebelo	Licenciatura em Medicina
Ana Reis Ferreira	Licenciatura em Medicina
Ana Pintão	Mestre em Biologia Vegetal, Licenciatura em Engenharia Agrónoma
Tiago Castro da Cunha	Mestrado em Medicina
Rui Guerreiro	Licenciatura em Medicina
Pedro Santos	Doutoramento
Daniel Lucas Brink Carvalho	Licenciatura em Fisioterapia
André Laiginhas Silva	Mestrado Integrado em Medicina
Maria João Lobato Cortesão Nobre	Mestrado Integrado em Medicina
Margarida Madaleno	Mestrado Integrado em Medicina
Sara Ferreira	Licenciatura em Medicina
Luís Filipe Ribeiro de Almeida Gomes	Licenciatura em Medicina
João Manuel Martins Alves da Silva	Licenciatura em Medicina
Leonardo Vinagre	Licenciatura em Medicina
João Nunes	Licenciatura em Medicina
Eduardo Santos Ribeiro	Licenciatura em Medicina
João Beirão	Doutoramento em Ciências Médicas
Filipe Manuel L. S. Monteiro	Licenciatura em Química Analítica (1988)
João Massano	Licenciatura em Medicina
Miriam Castro	Licenciatura em Medicina
Maria Marques	Licenciatura em Medicina
Francisca Lourenço	Ciências Biomédicas / Biomedicina Farmacêutica
Rodrigo Pires	Licenciatura em Psicologia
Ana Isabel Lucas	Licenciatura em Medicina Dentária, Licenciatura em Ciências do Desporto
Gustavo Queirós	Licenciatura em Medicina
Pedro Baptista	Licenciatura em Enfermagem
Maria Guiomar Sarmento Dantas Guimarães da Costa	Licenciatura em Medicina (pré-Bolonha)
Hugo Lindborg	Doutoramento em Astrofísica
Pedro Vieira	Mestrado em Engenharia biomédica - Ramo de Eletrónica Médica

Bernardo Caria	Mestrado em Medicina Dentária
Paulo Fernandes	Licenciatura, mestrado e doutoramento em Engenharia Florestal
Marta Lopes	Mestrado em Engenharia Informática e Computação
João Cruz	Licenciatura em Engenharia Física e de Materiais
Luis Mendonça Galaio	Licenciatura em Medicina
Rita Costa França	MD, PhD
Sara Miranda	Mestrado em Fisioterapia
Miguel Furtado	Licenciatura em Medicina
Beatriz Andrade	Licenciatura em Bioquímica
Victor Joaquim Pereira Monteiro	Bacharelato em Engenharia Biológica
Joana Vieira	Licenciatura em Ciências da Nutrição
Catarina Feliciano	Licenciatura em Enfermagem
Vera Bárto	Licenciada em Cardiopneumologia
Sílvia Afonso	Licenciatura em Medicina
Ana Isabel Homem de Gouveia Franco	Mestrado Integrado em Medicina (2019) e Licenciatura em Anatomia Patológica, citológica e Tanatológica (2007)
André Maia	Licenciatura em Física
João Almeida Fonseca	MD, PhD
António Pires	Licenciatura em Medicina
Ana Pereira	Licenciatura em Medicina
Mário J. Santos	Mestrado Integrado em Medicina
Tiago Jacinto	Doutoramento em Investigação Clínica e em Serviços de Saúde
Lúcia Leal de Matos	Licenciatura em Ciências Farmacêuticas
Henrique Carvalho	Mestrado em Medicina
Jorge Ascensão	Licenciatura em Psicologia Clínica e da Saúde
Nélio Filipe Santos	Licenciatura em Medicina
João Gaspar	Licenciatura em Biologia
Joana Reis	Licenciatura em Enfermagem
Rafael Luís Pereira Santos	Licenciatura em Bioquímica
Nuno Saraiva	Licenciatura em Medicina
João Correia	Licenciatura em Matemática
Inês Machado Loureiro	Mestrado em Medicina
Ricardo Jorge Pimentel Soares dos Reis	Mestrado em Medicina
Vera Alves	Licenciatura em Bioquímica, Mestrado em Medicina Legal e Ciências Forenses
Maria Ilídia Mendes Faria	Licenciatura em Medicina Veterinária
Margarida Mateus	Licenciatura em Ciências Farmacêuticas
Bruno Pinto	Doutoramento

Ana Nunes de Almeida	Doutoramento / Habilitação
Maria do Carmo Roque Lino Felgueiras Barreto	Licenciatura em Biologia, Mestrado em Biotecnologia, Doutoramento em Bioquímica
Joana Barata Tavares Medeiros de Almeida	Licenciatura em Medicina
Gilberto Pires da Rosa	Mestrado Integrado em Medicina
Diogo F. Ferreira	Mestrado
José Luís Cabral	Doutoramento
Sara Vasco	Licenciatura
José Mendes	Licenciatura em Medicina
Luísa Magalhães	Licenciatura em Medicina
Joaquim António Peres Gago	Licenciatura em Medicina
Raquel Ferrão Andrade	Mestrado Integrado em Medicina
Bernardo Pinto	Licenciatura em Fisioterapia
Ana Ferreira	Licenciatura em Medicina
Filipa Ribeiro	Licenciatura em Medicina
José António Cunha Coutinho	Mestrado Integrado em Medicina
Bernardo Sousa-Pinto	Mestrado Integrado em Medicina
Ana Cristina Esteves	Doutoramento
Ricardo Reis	Licenciado em Medicina
Guadalupe Jácome	Licenciatura em Biologia
Inácio Reis	Mestrado integrado em Medicina
António Piedade	Licenciado em Bioquímica
Jorge Velez	Licenciado em Medicina
Fernando António Pinheiro Calejo Pires	Licenciatura em Medicina
Tiago Ramos	Mestrado Integrado em Medicina
Armando Brito de Sá	Doutoramento em Medicina
Ana Luisa Soares Pereira Fernandes	Licenciatura em Medicina e Especialidade em Psiquiatria da Infância e Adolescência
Fabíola Gil	Mestrado em Gestão e Conservação da Natureza
Maria Manuel Valente Correia da Silva Moreira	Mestrado integrado em Medicina, Mestrado em Medicina Legal
Bruno Maurício	Mestrado integrado em Medicina
Ana Filipa Santos	Mestrado integrado em Medicina
Sara Cunha	Mestrado Integrado em Medicina
João Pedro Soares	Mestrado em Medicina
José Marinho	Licenciatura em Medicina
Marco Lopes Ferreira	Mestrado em Medicina
Joana Campins	Licenciatura em Medicina
Helena Beça	Licenciatura em Medicina, Mestrado em Cuidados Paliativos
Rita Amaral	Mestrado em Medicina

Luís Filipe Vicente Saraiva	Mestrado integrado em Medicina
Francisco Ferreira e Silva	Licenciatura em Medicina
Ivo Manuel Teixeira Alves	Licenciatura em Medicina Veterinária
Isabel Gonçalves	Licenciatura em Medicina Veterinária
Inês Ribeiro	Licenciatura em Psicologia Clínica
João Pedro Calafate	PEB de Matemática e Ciências da Natureza
Jorge Dickson Leal	Licenciatura em Medicina
Maria João Bigode	Licenciatura em Fisioterapia
Fátima Tavares	Mestrado em Medicina
Afonso Moreira	Mestrado Integrado em Medicina
Rui Guerreiro	Licenciatura em Medicina
António Castanhola Batista	Doutoramento
José do Egito Antunes	Doutoramento em Engenharia Química e Biológica
João Avó	Doutoramento em Química Física
Diogo Queirós	Doutoramento
António Pires	Doutoramento
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Teresa Pestana Gonçalves	Licenciatura em Medicina
Sofia Brissos	Licenciatura em Medicina
Diana Pereira	Licenciatura em Medicina
Diogo Almeida	Mestrado em Medicina
Joana Paula	Mestrado Integrado em Medicina
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Patrícia Silva	Mestrado em Biofísica e Bionanossistemas
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Helder Araújo	Doutoramento
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Tânia Santos	Licenciatura
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João von Gilsa Lopes	Mestrado
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SPAIN

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Adrián Arranz Escudero	Physiotherapist, Dipl
Adrián Moreno Blanco	Chemist, BS
Adrian Sánchez Moya	Physiotherapist, MS
Adrián Viudez Martínez	Pharmacist, PhD
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Agustín Jiménez Portillo	Physician, MS
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Alberto Fernández Soto	Mathematician, BS, Physicist, PhD
Alberto Gironés	Physician, MD
Alberto González Fairén	Biologist, PhD
Alberto Lozano Pablo	Physician, MD
Alberto M. Vargas Morales	Biologist, PhD
Alberto Nájera	Physicist, PhD
Alberto Núñez Cardezo	Chemist, PhD
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Ana Isabel Marina Ramírez	Biologist, PhD
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Carlos Alonso Garre	Physician, MD
Carlos Antonio Riesco	Physician, MD
Carlos Briones Llorente	Chemist, PhD
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Carlos Casabona Monterde	Physician, MD
Carlos Castaño Zapatero	Physician, MD
Carlos Echeverría Azcona	Physiotherapist, Dipl
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Carlos Gomis Olcina	Biologist, BS
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Carlos Jiménez	Veterinary Sciences, BS
Carlos José Sierra Sánchez	Engineer, PhD
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Carlos López-Menchero Ortiz de Salazar	Physician, MD
Carlos Manuel Fernandez Fernandez	Physician, PhD
Carlos Mora Martínez	Biologist, MS
Carlos Nazir Diuana	Physician, MD
Carlos Pobes	Physicist, PhD
Carlos Rivero	Biologist, MS
Carlos Romá-Mateo	Biochemist, PhD
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Carmen Escalada	Physicist, BS
Carmen Fernandez Reyes	Biologist, MS
Carmen García de Eulate	Psychologist, BS
Carmen Herrero Barbudo	Biologist, PhD
Carmen Llenderozas Méndez	Nurser, Dipl
Carmen Mañas Torres	Biologist, MCs
Carmen María González Montiel	Physiotherapist, Dipl

Carmen María Sánchez Torrelo	Physiotherapist, Dipl
Carmen Mascaró Lazcano	Biologist, PhD
Carmen Mocholi García	Physician, MD
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Carmen Sánchez Vázquez	Psychologist, MS
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Celia Raga Jiménez	Pharmacist, BS
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César Esteban López	Physicist, PhD
César García Pérez Cejuela	Physician, MD
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Cesar Prieto Andray	Physiotherapist, MS
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César Roncero Maillo	Biologist, PhD
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Cristina Aznarte Mellado	Biotechnologist, PhD
Cristina Figuer Ramírez	Psychologist, PhD
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Cristina López Yáñez	Nurser, Dipl
Cristina Merino Fernández	Chemist, BS
Cristina Olivares	Nurser, Dipl
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Daniel López Rodríguez	Chemist, PhD
Daniel Manzano Diosdado	Physicist, PhD
Daniel Millán López	Psychologist, BS
Daniel Orts González	Physician, MD
Daniel Pérez del Rey	Chemist, MS
Daniel Rodríguez Martín	Biologist, MS
Daniel Ursúa Fernández	Nutritionist, BS
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David Abu-Khdeir Granados	Nurser, Dip
David Aguado Llera	Biologist, PhD
David Alonso Frau	Biologist, BS
David Carrasco Ceballos	Psychologist, BS
David Exposito Blasco	Nutricionist, Gr
David Fernández	Biochemist, BS
David Monjas Piqueras	Biologist, MS
David Navarro Fernández	Mathematician, BS
David Piña Muñoz	Nanosciences, BS
David Quinto Alemany	Biologist, PhD
David Rodriguez Martinez	Biologist, PhD
David Sucunza Saenz	Chemist, PhD
Delia Álvarez	Chemist, MS
Denís Paredes Roibás	Chemist, MS
Denise Medici	Phonoaudiologist, PhD
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Diana Pastore Mazas	Psychologist, MS
Diego Herranz Muñoz	Physicist, PhD
Diego jimenez garijo	Physician, MD
Divina Moya Diago	Biologist, BS
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Elena Caro	Physician, MD
Elena Carreton Gómez	Veterinary Sciences, PhD
Elena Denia Navarro	Physicist, MS
Elena Fernandez Gabriel	Pharmacist, BS
Elena Gayo Moncó	Physicist, PhD
Elena Gomis-Vicent	Biologist, MS
Elena Lendoiro Belio	Pharmacist, PhD
Elena Prado Mel	Pharmacist, BS
Elena Rodríguez	Biologist, MS
Elena Sánchez	Physiotherapist, Dipl
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Elena Zuriaga	Agronomical Sciences, PhD
Elisa Esteve Codina	Chemist, BS
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Eloísa herrera	Biologist, PhD
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Emilio Alvarez Barranco	Physiotherapist, MS
Emilio Bronte Borraz	Physician, MD
Emilio Carrizosa	Mathematician, PhD
Emilio Jesús Alegre del Rey	Pharmacist, BS
Emilio Martínez Navarro	Philosopher, PhD
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Enrique Carcelén rodriguez	Nurser, Dipl
Enrique Colado Varela	Physician, PhD
Enrique Gallardo Díaz	Physician, MD
Enrique Gutiérrez Fraile	Physician, MD
Enrique Hernando Arbaiz	Physicist, BS
Enrique J de la Rosa	Biologist, PhD
Enrique M. Arribas Mocoroa	Chemist, PhD
Enrique Piacentini Gomez	Physician, PhD

Enrique Royuela Casamayor	Biologist, PhD
Enrique Viguera Mínguez	Biologist, PhD
Enriqueta Tristán Clavijo	Biologist, PhD
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Esther Samper Martínez	Physician, PhD
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Fernando Bea	Geologist, PhD
Fernando Béjar Villa	Biologist, PhD
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Fernando de Castro Soubriet	Physician, PhD
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Francisco Cabrera Panasco	Physician, MD
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Francisco Javier Benítez Verguizas	Biologist, PhD
Francisco Javier Benito Justel	Physician, MD
Francisco Javier Cortés Ruiz	Physician, MD
Francisco Javier González Gasca	Physician, PhD
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Irene Ruiz Botía	Physician, MD
Irene Tamayo Lopez	Biologist, BS
Iria Uhía Castro	Pharmacist, PhD
Irune Cariñanos Prado	Physician, MD
Isa Hussein Naranjo	Physiotherapist, MS
Isabel Abril	Physicist, PhD
Isabel Barrios Gonzalez	Veterinary Sciences, BS
Isabel Coira Nieto	Pharmacist, BS
Isabel Juan Femenia	Biologist, BS
Isabel Lopez	Chemist, BS
Isabel López Calderón	Biologist, PhD
Isabel María Fernández Pérez	Psychologist, BS
Isabel Sánchez Pérez	Biologist, PhD
Isidro González Caballero	Physicist, PhD
Ismael Cuadrado Cordero	Computer engineer, PhD
Itahisa Marcelino Rodriguez	Pharmacist, PhD
Ivan Romero Ruiz	Physicist, PhD
J. Carlos Aguado Chao	Computer engineer, PhD
J. Ignacio Martínez Pastor	Physician, MD
Jacinto Javier Vaz Cedillo	Computer engineer, BS
Jaime Carrasco Colom	Physician, MD
Jaime Millán Martínez	Biologist, PhD
Janine Lopes da Silva	Physiotherapist, Dipl
Javier Álvarez Oltra	Pharmacist, BS
Javier Armentia	Physicist, BS
Javier Asensio Ruiz	Physiotherapist, MS
Javier Carneiro Dos Anjos	Pharmacist, BS
Javier Cifuentes Melchor	Biologist, PhD
Javier Díaz García	Physicist, MS
Javier Fernández López	Chemist, PhD
Javier Gonzalez Perez	Physician, MD

Javier Moreno Morales	Biotechnologist, MS
Javier S. Burgos Muñoz	Biologist, PhD
Javier Sánchez Simarro	Physiotherapist, Dipl
Javier Vizcaíno Callejón	Pharmacist, BS
Jesús Alonso Fernández	Physician, MD
Jesus Díaz Martin	Biologist, BS
Jesús Fernández Pérez	Pharmacist, MS
Jesús Joaquín Martín Yagüe	Physicist, PhD
Jesús Morente Lopez	Nurser, PhD
Jesús Oscar Zabalza Mantilla	Physician, MD
Jesús Pastor Gómez	Physician, MD
Jesús Torres Castro	Physicist, PhD
Jesús Vioque	Physician, MD
Joan Barrull Ventura	Biologist, PhD
Joaquim Bosch Barrera	Physician, PhD
Joaquim Granell Turull	Physician, MD
Joaquín Fagoaga	Physiotherapist, PhD
Joaquín Pardo Montero	Psychologist, PhD
Joaquín Querol Sanjuan	Physician, MD
Joaquín Sevilla	Physicist, PhD
Jon M. Matxain Beraza	Chemist, PhD
Jordi Altés Capellá	Physician, MD
Jordi Ballabriga Cases	Psychologist, BS
Jordi Carrillo Abad	Chemist, PhD
Jordi Domènech Casal	Biologist, PhD
Jordi Esquirol	Physician, MD, MS
Jordi Humbert Pérez Ferre	Chemist, BS
Jordi Renard Font	Biologist, BS
Jordi Rosinach Bonet	Pharmacist, BS
Jorge Alcalde-Unzu	Economist, PhD
Jorge Azorín López	Computer engineer, PhD
Jorge Barata Gonzalez	Computer engineer, BS
Jorge García Rojas	Physicist, PhD
Jorge González Garrido	Biotechnologist, Gr
Jorge González Sierra	Environmental Sciences, MS
Jorge Javier Frías Perles	Computer engineer, Eng
Jorge Laborda	Biologist, PhD
Jorge López Álvarez	Pharmacist, MCs
Jorge Villar Machado	Engineer, Eng
José Ángel Salmerón Morote	Engineer, Ing
José Antonio Cornejo García	Biologist, PhD

José Antonio Hernández Ramos	Pharmacist, BS
Jose Antonio Lopez Guerrero	Biologist, PhD
José Antonio Lupiáñez Cara	Biochemist, PhD
Jose Antonio Marcos Rodriguez	Pharmacist, BS
Jose Antonio Matute de Cárdenas	Physician, MD
Jose Antonio Uranga	Biologist, PhD
José Carlos del Río Andrade	Chemist, PhD
José Carlos Núñez Cumella	Psychologist, MS
José Carlos Santos Mora	Physician, MD
José Enrique Fernández Piñón	Physiotherapist, Dipl
José Francisco Abad López	Veterinary Sciences, BS
José Francisco Mendi Forniés	Psychologist, BS
Jose Guerri Sirera	Biologist, PhD, Pharmacist, BS
José Ignacio Iñiguez de la Torre Bayo	Physicist, PhD
José Javier Pi Barrio	Physician, MD
José L. Rasines Pardo	Physician, PhD
Jose López Aldeguer	Physician, PhD
Jose Luis Aristin Gonzalez	Physiotherapist, Dipl
Jose Luis Fernández Arribas	Physician, MD
José Luis Garzón Fernández	Physician, MD
José Luis González Pimentel	Biologist, PhD
José Luis Sampedro Ruiz	Chemist, BS
José Manuel García Fernández	Biologist, PhD
José Manuel Gómez Soriano	Computer engineer, PhD
Jose Manuel Martínez de la Fuente	Physiotherapist, Dipl
José Manuel Pérez Ortiz	Biologist, PhD
José Manuel Sánchez Calle	Physician, MD
Jose Maria Bayas Rodríguez	Physician, PhD
Jose Maria Cubillo Tejedor	Physician, MD
José María García García	Chemist, BS
José María Illán	Laws, PhD
José María Manzanares Errazu	Physician, MD
Jose Maria Pastor Gonzalbez	Physician, MD
José María Saiz Vega	Physicist, PhD
Jose Maria Soler Insa	Physician, MD
Jose Miguel Blanca Postigo	Chemist, PhD
José Miguel González Domínguez	Chemist, PhD
Jose Miguel Mulet Salort	Chemist, PhD
José Muñoz Lázaro	Psychologist, BS
Jose Palacios	Biologist, PhD
Jose Pascual Bueno	Physician, PhD

Jose R Villada	Physician, MD
José R. Alonso	Biologist, PhD
José Ramón Fernández Fructuoso	Physician, MD
José Remo Fernández Carro	Sociologist, PhD
José Templado	Biologist, PhD
José Trujillo Carmona	Mathematician, PhD
Jose Vicente Egea Vivó	Chemist, BS
José Vicente Soler	Chemist, PhD
Josefa Gonzalez Perez	Biologist, PhD
Josefa Rubio Cascales	Chemist, BS
José-Julio Peña González	Physician, MD
José-Modesto Rodríguez Navarro	Psychologist, MS
Josep Molins	Optics, Dipl
Josep Navarro González	Physicist, MS
Josepa Carreras	Physician, MD
Josué Mena Gómez	Chemist, PhD
Juan Antonio Aguilera Mochón	Biologist, PhD
Juan Antonio Cerón Pérez	Physician, PhD
Juan Antonio Rodríguez García	Geologist, PhD
Juan Antonio Santana Amaro	Biologist, BS
Juan Carlos Espinosa Martín	Biologist, PhD
Juan Carlos Moreno Marín	Physicist, PhD
Juan Carlos Muñoz Salmerón	Physician, MD, Logopedist, BS
Juan Carlos Pérez	Pharmacist, BS
Juan Carlos prieto Villapún	Chemist, PhD
Juan Carlos Torres Cantero	Computer engineer, PhD
Juan David Tutosaus Gómez	Physician, MD
Juan Ignacio Ortuño Sempere	Physician, MD
Juan Ignacio Pérez Iglesias	Biologist, PhD
Juan José Beloqui Lizaso	Physicist, BS
Juan José Fernández Pérez	Physiotherapist, MS
Juan José García Mosquera	Physician, MD
Juan Jose Gomez-Cadenas	Physicist, PhD
Juan José Martín González	Biologist, BS
Juan Jose Ramos Rodriguez	Biologist PhD
Juan José Segura-Sampedro	Physician, PhD
Juan Luis Pérez Fernández	Pharmacist, BS, Optics, Dipl
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Juan M Pleguezuelos	Biologist, PhD
Juan Manuel Belda Lois	Engineer, PhD
Juan Manuel García Ruiz	Geologist, PhD

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Juan Manuel Serradilla Manrique	Biologist, PhD
Juan Miguel Aznar López	Nurser, MS
Juan Nàcher	Biologist, PhD
Juan Pablo Ordoñas Baines	Pharmacist, PhD
Juan Pedro Ayuso Cazorla	Physicist, Dipl
Juan Román Luque Ortega	Biologist, PhD
Juan Rubiés Prat	Physician, PhD
Juan Sobrino-Plata	Biologist, PhD
Juan Zalvide	Physician, PhD
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Juanjo Moscardó Rius	Engineer, Eng
Juanjo Nieto Muñoz	Mathematician, PhD
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Juanjo Santamaria Lorenzo	Psychologist, PhD
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Julián Ángel Mariana Herráiz	Nurser, Dipl
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Julio Parra Martinez	Physicist, MC
Kevin Monsalvez Pozo	Physicist, MS
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Lara de Llobet Cucalón	Biologist, PhD
Lara Menéndez Liendo	Pharmacist, BS
Laura Barragán Rodríguez	Physicist, BS
Laura Costas	Physician, PhD
Laura Cuesta García	Occupational Therapy, BS
Laura Expósito Blasco	Biologist, BS
Laura Fátima Asensi Pérez	Psychologist, MS
Laura Forcano Gamazo	Psychologist, PhD
Laura Gregorio Lozano	Pharmacist, BS
Laura Leyva Fernández	Physician, PhD
Laura Méndez Bartolomé	Physician, MD
Laura Merino Gómez	Psychologist, MS
Laura Morán Fernández	Psychologist, BS
Laura Muñoz Millanes	Pharmacist, BS, Geologist, BS
Laura Peñas Rojas	Physician, MD
Laura Pérez Martín	Physician, MD
Laura Redondo Pérez	Environmental sciences, BS
Laura Ripoll Seguer	Chemist, PhD
Laura Rubio Gordon	Physician, MD

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Leticia Gonzalez Martín	Physician, MD
Leticia Martinez Campos	Physician, MD
Leyre Aguado Gil	Physician, PhD
Lidia Lombardero Escuín	Biologist, BS
Lisandro González Campodónico	Physiotherapist, MS
Lluís Galter	Physician, MD
Lluís Gómez Valero	Physiotherapist, Dipl
Lola Pujante	Physician, MD
Lorena Carro	Biologist, PhD
Lorena Mendioroz	Physician, MD
Lorena Ramos Collados	Podologist, Dipl, Nurser, Dipl
Lorena Vega	Statistician, MS
Lorena Vidal Gil	Biologist, MS
Lourdes Barrios Hidalgo	Biologist, BC
Lourdes Mendiburu Belzunegui	Physician, PhD
Lucas Lacampo	Physician, MD
Lucía Bermejo	Historian, MS
Lucía Galán	Physician, MD
Lucía Gato Calvo	Biologist, PhD
Lucía Madrid Echave	Nurser, Dipl
Luis Alberto Robles Álvarez	Nutritionist, BS
Luis Ayala Jimenez	Physician, MD
Luis Boto López	Biologist, PhD
Luis C. Antón	Biologist, PhD
Luis Fernando Díaz Vilela	Psychologist, PhD
Luis Fernando Lanz Oca	Physicist, PhD
Luis Francisco Murillo Moreno	Physiotherapist, Dipl
Luis Julián Ruiz Cambroner	Pharmacist, BS
Luis Landesa Porras	Engineer, PhD
Luis M. Botana López	Pharmacist, PhD
Luis Matesanz García	Physiotherapist, MS
Luis Mazorra Manrique de Lara	Mathematician, PhD
Luis Miguel Martínez Oteeo	Biologist, PhD
Luis Miguel Real Navarrete	Biologist, PhD
Luis Otero Garcia	Physician, MD
Luis Paños Sanchis	Psychologist, MS, Biologist, BS
Luis Prego Fajardo	Physician, MD
Luisa Alonso Fito	Pharmacist, MCs
Lydia Español Abadia	Psychologist, BS

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M. Stella González Romero	Physician, PhD
M^a Amparo Alfonso Rancaño	Pharmacist, PhD
Maidier Beitia San Vicente	Biochemist, PhD
Manuel A. Veiga Tuimil	Physician, MD
Manuel Alcaraz Castaño	Historian, PhD
Manuel Aumesquet Nosea	Physician, MD
Manuel Bonat Martínez	Chemist, BS
Manuel Castro Villares	Physician, MD
Manuel Collado Rodríguez	Biologist, PhD
Manuel Francisco Herrador Barrios	Engineer, PhD
Manuel Gerónimo Pardo	Physician, MD
Manuel Gonzalo Claros	Biologist, PhD
Manuel Hernández Iglesias	Philosopher, PhD
Manuel Martín Pareja	Nurser, Dipl
Manuel Martín-Loeches Garrido	Psychologist, PhD
Manuel Pastor	Pharmacist, PhD
Manuel Salvador de Lara	Biologist, PhD
Manuel Sánchez Angulo	Biologist, PhD
Manuel Seara Valero	Biologist, BS
Mar Gonzalvez	Physician, MD
Mar Moreno Sanz	Physician, MD
Marc Ferrés	Biologist, MS
Marcelino Hermida López	Physicist, BS
Marcelino Zazo Rodríguez	Physicist, PhD
Marcos Ruiz Abad	Biologist, MS
Margarita Del Val Latorre	Chemist, PhD
Margarita Martín Castillo	Veterinary Sciences, PhD
Margarita Martinez	Biologist, BS
Margarita Moreno Sanz	Biologist, PhD
Margarita Quinteiro Canedo	Pharmacist, BS, Nurser, Dipl
Margarita Sánchez Romero	Historian, PhD
Maria Amelia Peralta Bejarano	Chemist, PhD
María Ángeles Gil Lemus	Pharmacist, BS
María Ángeles Medina Martinez	Physician, MD
Maria Antonia Beltrán Marqués	Physician, MD
Maria Antonia Cifre Borrás	Psychologist, BS
María Arnedo	Biochemist, PhD
María Aurora Estrada Fernández	Veterinary Sciences, BS
Maria Badia	Pharmacist, BS

Maria Begoña Vázquez Araújo	Biologist, PhD
María Cecilia Laurenz	Physician, MS
Maria Climent Aroz	Veterinary Sciences, PhD
María Concepción González	Chemist, PhD
María Concepción Núñez Munáiz	Biologist, BS
Maria Cristina Casal Pena	Physician, MD
Maria D. Mayan Santos	Biologist, PhD
Maria de las Nieves Nieto del Rincón	Physician, MD
María del Carmen Castro Pérez	Biologist, PhD
María del Carmen Navarro González	Biotechnologist, PhD
María del Pilar Pérez Salgado	Psychologist, BS
María Dolores Agúndez Leal	Biologist, PhD
María Dolores Cantudo Cuenca	Pharmacist, BS
María Dolores Villar Fernández	Physician, MD
María Elena Casaus Lara	Pharmacist, BS
María Elena Marqués Medina	Nutritionist, BS
María Elvira Bravo Donaire	Biologist, BS
María Escalante Pérez	Biologist, PhD
María Ester Capellán Sanz	Engineer, Eng
María Esther Fraile Villarejo	Physician, MS
María Francisca Colom Valiente	Biologist, PhD
Maria Giner Soriano	Pharmacist, PhD
María Isabel Guijarro Martínez	Physiotherapist, Dipl
María Isabel Núñez Rodríguez	Pharmacist, BS
María Isabel Pascual del Riquelme Martínez	Economist, PhD
María Jesús Álvarez Álvarez	Physician, MD
María Jesús Orea Martínez	Biologist, BS
Maria Jesus Pinto Medel	Biologist, PhD
María José agustín Ferrandez	Pharmacist, BS
María José Alfaro Ramos	Physician, PhD
María José Gallego Alcaide	Physician, MD
María José Gómez Jiménez	Biologist, BS
María José Mas Salguero	Physician, MS
María José Muñoz Ballester	Physician, MD
María José Povar Marco	Physician, MD
Maria Jose Rico Hernandez	Physiotherapist, MS
Maria Librada Rozas Rodriguez	Physician, MD
Maria Luisa gozzi de la tour royo	Physician, MD
Maria Marín Vilar	Biologist, PhD
María Mena Varas	Biologist, PhD
Maria Palomeras Sargatal	Pharmacist, BS

Maria Pardo Perez	Biologist, PhD
María Ruiz Campuzano	Physician, MD
María S. Díaz Carrasco	Pharmacist, BS
Maria Teresa Cabrera Lozano	Physician, MD
María Teresa Chicote Olalla	Chemist, PhD
Maria Teresa Díaz de la Fuente	Biochemist, BS
Maria Teresa Gracia Farré	Physician, MD, MS
María Teresa Gutiérrez Jurado	Physician, MD
Maria Teresa Martínez Rivera	Physician, MD
María Teresa Sáez Pons	Physiotherapist, Dipl
María Teresa Soria Rodrigo	Biologist, BS
María Tristán-Manzano	Biotechnologist, MS
Maria Vieito	Physician, MD
María Xesús Blanco Sobrino	Veterinary Sciences, BS
Mariana Lucía García Pérez	Chemist, MS
Marie Cachera	Biologist, PhD
Marina Alonso Solano	Biologist, PhD
Marina Garcia Abril	Physicist, MS
Marina Lopez	Chemist, PhD
Marina Montesinos Rodríguez	Physician, MD
Marina Tejerina Torres	Biologist, BS
Mario Colombo Canut	Biologist, MS
Mario Pellico de la Fuente	Physiotherapist, MS
Marta Cardenas Ramos	Physician, MD
Marta Palicio Herrero	Biologist, PhD
Marta Reche	Physician, MD
Marta Varela Eirín	Biologist, PhD
Mateo Seoane Blanco	Biologist, MS
Matilde Zornoza Moreno	Physician, PhD
Mercedes Calderón Sánchez	Nurser, Dipl
Mercedes Cimas	Psychologist, BS
Mercedes Cordón González	Pharmacist, BS, Nutritionist, BS
Mercedes García Rúa	Nurser, Dipl
Mercedes Murcia Simón	Physician, MD
Mercedes Navarro Elipe	Physician, PhD
Mercedes Salaices Sánchez	Pharmacist, PhD
Michael Berenguer	Physiotherapist, MS
Miguel A. Alonso Pardo	Computer engineer, PhD
Miguel Aballe	Physicist, PhD
Miguel Ángel Casanova Matutano	Physician, MD
Miguel Ángel García March	Economist, BS, Industrial Engineer, PhD

Miguel Angel Llamas Matías	Biologist, PhD
Miguel Ángel Lurueña Martínez	Food Sciences, PhD
Miguel Angel Santana Rodríguez	Physician, MD
Miguel Calvo Rebollar	Chemist, PhD
Miguel Casado Gomez	Physician, MD
Miguel Eugenio Estefanía Díez	Physician, MD
Miguel García Loizaga	Comunication Sciences, PhD
Miguel González Maestre	Economist, PhD
Miguel Gutierrez Fraile	Physician, MD
Miguel Llorente Isidro	Geologist, PhD
Miguel López de Heredia Alonso	Biologist, PhD
Miguel Montes Bajo	Physicist, PhD
Miguel Morard	Biologist, MS
Miguel Ruiz Veguilla	Physician, PhD
Miguel Sánchez Prieto	Physician, MD
Miguel Taron	Biologist, PhD
Miguel Vicente	Biologist, PhD
Mikel Forcada Zubizarreta	Chemist, PhD
Miquel Barberà Solà	Biologist, PhD
Mireia Gonzalez Fernandez	Nanoscience, BS
Míriam Redondo Díaz	Biologist, BS
Moisés Canle López	Chemist, PhD
Moisés García Arencibia	Biologist, PhD
Monica Alonso Martín	Physiotherapist, Dipl
Mónica Bouzo Lorenzo	Biologist, PhD
Mónica Caveró Miguélez	Pharmacist, BS
Monica De Membiela Veiga	Engineer, BS
Mónica Moreno López	Physiotherapist, Dipl
Montserrat Duque	Psychologist, MS
Montserrat Martin	Biologist, PhD
Nacho Pascual Cereceda	Physician, MD
Nagore Elena Kokolaki	Pharmacist, MS
Natalia Hutter	Biologist, MS
Natalia Kanaan Izquierdo	Chemist, PhD
Natalia Martínez Gil	Biologist, PhD
Nerea Lagos	Psychologist, MS
Neria Morales Alcaide	Physician, MD
Nicolás Ríos Lombardía	Chemist, PhD
Nieves González Cantillo	Food Sciences, BS, Biologist, BS
Nieves López-Brea Serrat	Psychologist, BS
Nieves Sanz Villa	Physician, MD

Noel Marchena Alonso	Sports Science, BS
Nora Andreu Serrano	Psychologist, BS
Nuria Álvarez Crespo	Physicist, PhD
Nuria Aragonés	Physician, PhD
Nuria Cabo Lopez	Physician; MD
Nuria del Olmo	Pharmacist, PhD
Nuria Isabel Dos Santos Moráis	Nurser, Dipl
Nuria Querol	Physician, MD
Octavio José Salmerón Béliz	Physician, MD
Olga Delgado Sanchez	Pharmacist, PhD
Olga Rabadán	Physiotherapist, Dipl
Oriol Rebagliato	Physician, MD
Orión Aguilar Alonso	Nutritionist, BS
Orlando Díez Gibert	Biologist, PhD
Oscar de Luis Jiménez	Biologist, PhD
Óscar Herreros Rodríguez	Physician, MD
Óscar Huertas Rosales	Biochemist, PhD
Oscar Larrosa Gonzalo	Physician, MD
Óscar Pérez Soler	Psychologist, BS
Óscar Prado Merini	Biologist, BS
Óscar Soriano Hernando	Biologist, PhD
Oscar Wu Salmerón	Psychologist, BS
Pablo Correa Álvarez	Pharmacist, BS
Pablo Frias Ruiz	Pharmacist, BS
Pablo Gutiérrez del Río	Physiotherapist, Dipl
Pablo Gutiérrez Toral	Veterinary Sciences, PhD
Pablo Herrera Jiménez	Sports Science, BS, Physiotherapy, Dipl
Pablo José González Domenech	Physician, MD
Pablo M. Ruiz Hernández	Physician, MD
Pablo Oliver Goicolea	Physician, MD
Pablo Ranea Robles	Biologist, PhD
Pablo Rodriguez	Physiotherapist, Gr
Pablo Severá Pastor	Nurser, Dipl
Paloma Broceño Caminero	Physiotherapist, Dipl
Paloma Herrador Iradier	Physician, MD
Paloma Solá Castrillo	Biologist, MS
Patricia Blanco	Physiotherapist, Dipl
Patricia Martínez López	Nutritionist, BS
Patricia Moreno Carrero	Physiotherapist, Dipl
Patricia Núñez de Aysa	Physician, MD
Patricia Pereiro Rey	Physiotherapist, Dipl

Pau Beltrán Palau	Physicist, MS
Paula Alonso Prado	Nurser, Dipl
Paula Corell Escuin	Biologist, MS
Paula García Llopis	Pharmacist, BS
Paula Olcina Quintana	Biologist, MD
Paula Suárez López	Biologist, PhD
Paulino Matesanz Pérez	Biologist, BS
Paz García de Acilu Laá	Physicist, BS
Pedro A. Sánchez Ayaso	Physician, MS
Pedro Bolgiani	Aeronautics, MS
Pedro Botjas Talamantes	Biologist, BS
Pedro Collado Chamorro	Physicist, BS
Pedro Luis Mateo Alarcón	Chemist, PhD
Pedro Manuel Ponce Alonso	Biologist, MS
Pere L. Palle	Physicist, PhD
Pia Helen Kampf	Psychologist, MS
Pilar Bustos-Sanmamed	Biologist, PhD
Pilar Camarena Caro	Physician, MD
Pilar Jimena Medina	Physician, MD
Pilar Lasierra	Biologist, PhD
Pilar Martín Soriano	Physiotherapist, Dipl
Priscila Ballester Martinez	Psychologist, BS
Rafael Garcia-Molina	Physicist, PhD
Rafael Gonzalo	Biologist, PhD
Rafael J. Yáñez García	Physicist, PhD
Rafael José Pérez Cambrodí	Optics, PhD
Rafael Marín Bellido	Geologist, MS
Rafael Vázquez Manrique	Biologist, PhD
Raimon Camps Salat	Physician, MD
Ramón Bermúdez-Cañete Fernández	Physician, MD
Ramon Garcia Escudero	Biologist, PhD
Ramón García López	Physicist, PhD
Ramón Molina	Psychologist, BS
Ramón Muñoz-Chápuli	Biologist, PhD
Ramón Rodríguez Álvarez	Pharmacist, BS
Ramón Rodríguez Martinez	Biologist, PhD
Ramón Ugarte Libano	Physician, MD
Raquel Clabo Clemente	Physicist, BS
Raquel Gayarre	Physician, MD
Raquel Hernanz Martin	Chemist, PhD
Raquel Martín de la Hoz	Physiotherapist, MS

Raquel Yahyaoui Macias	Physician, MD
Raúl Bombín Escudero	Physicist, MS
Raul C. Mainar-Jaime	Veterinary Sciences, PhD
Raúl Calderón Serrano	Pharmacist, BS
Raúl del la Torre	Physician, MD
Raúl Hernández Aguiar	Veterinary Sciences, BS
Raúl Megías Ruiz de Almirón	Biologist, BS
Raul Ruiz Lima	Biologist, BS
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Rebeca Llamazares Monzón	Chemical Engineer, Eng
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Ricardo Jiménez Martín	Mathematician, PhD
Ricardo Lopez Almaraz	Physician, MD
Ricardo Mellid	Physicist, BS
Richard Cabrejas	Engineer, Eng
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Roberto Álvaro Hermana	Engineer, PhD
Roberto Echeverria Delgado	Engineer, Eng
Roberto Velasco Zuñiga	Physician, PhD
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Rocío Badía Guillén	Nurser, Dipl
Rocio Bautista Moreno	Biologist, PhD
Rocío Ruiz Laza	Biologist, PhD
Rodrigo Fernández López	Psychologist, MS
Rodrigo García Tapia	Occupational Therapy, MS
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Rosa Alicia Martín Alonso	Biologist, MS
Rosa Isabel Molina Olías	Nurser, Dip
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Rubén Casatejada Anchel	Biologist, MS
Rubén Cereijo Téllez	Biotechnologist, PhD
Rubén Collado Salvador	Physiotherapist, Dipl
Rubén Contreras	Chemist, BS
Rubén Fernández Matías	Physiotherapist, MS
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Rubén Pascual	Physician, MD
Rubén Pavia Collado	Biochemist, BS
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Santiago Pelegrina López	Psychologist, PhD
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Sergio Alique García	Physician, MD
Sergio Bárcena Varela	Biochemist, PhD
Sergio Enguñados Sanchis	Pharmacist, BS
Sergio Galán Meléndez	Chemist, BS
Sergio Hernandez Cuenca	Matematician, PhD
Sergio Navarro Vilarrubí	Physician, MD
Setefilla Escalera Rapela	Chemist, BS
Setefilla Luengo Matos	Physician, MD
Sherezade Márquez Martínez	Psychologist, MS
Silvia González Soto	Physiotherapist, Dipl
Silvia Sáenz Merino	Physician, MD
Silvia Soler Valverde	Nurser, Dipl
Simón Perera	Biotechnologist, MS
Sofía Bauer Izquierdo	Physician, MD
Sofía Escalona	Pharmacist, BS
Soledad López Agirre	Geologist, BS
Sonia Amores Umbert	Nurser, Dipl
Sonia Burgaz	Biochemist, MC
Sonia Carreras	Physician, MD
Sonia Dios Vidal	Biologist, PhD
Sonia Escalante Arroyo	Physician, MD
Sonia Ferrer Flor	Psychologist, BS

Sonia Heredero	Nurser, Dipl
Sonia Vergara Rodríguez	Psychopedagogue, MS
Soraya Cuevas Fernandez	Nurser, Dipl
Susana Bernal Uribe	Biologist, MS
Susana Caballero Torcal	Nurser, Dipl, MS
Susana Gaytán Guía	Biologist, PhD
Susana Janer Ortuño	Physician, MD
Susana Puerto	Nurser, Dipl
Tamara Hernández Baute	Psychologist, BS
Tamara Lavandeira Álvarez	Physician, MD
Tania Lopez Mendez	Pharmacist, BS, Biochemist, BS
Teresa Bazús González	Physician, MD
Teresa Cuenca Bandín	Physicist, BS
Teresa Hernandez	Chemist, PhD
Teresa Martín Lorenzo	Sport Sciences, PhD
Teresa Requena Caturla	Pharmacist, MS
Tomás Herraiz Gil	Psychologist, BS
Tomás José Cantó Díez	Physician, MD
Tomas Lopez Herce Cid	Physician, MD
Tomàs López Jiménez	Statistician, MS
Unai Aso	Psychologist, BS
Unai Urdirroz Urricelqui	Physicist, PhD
Uxue Urdirroz	Biomedical, MS
Valentín Iglesias Mas	Biochemist, PhD
Vanesa Ribes Pizarro	Pharmacist, BS
Varinia García Molinero	Biologist, PhD
Verónica Rivero Hernández	Biochemist, PhD
Vicente Balaguer Llorens	Biologist, BS
Vicente Baos Vicente	Physician, MD
Vicente Montejo de Garcini Guedas	Chemist, BS
Vicente Ruiz	Physician, PhD
Víctor Albarrán Fernández	Physician, MD
Victor Briz	Biologist, PhD
Victor Canduela Martinez	Physician, MD
Victor Chiner Ridaura	Physician, MD
Víctor Guisado Muñoz	Physicist, BS
Victor Iborra Sanz	Physiotherapist, Dipl
Víctor Suárez Blas	Physiotherapist, Dipl, Psychologist, BS
Víctor Villanueva San Vicente	Physician, MD
Victoria Beatriz Pino Jiménez	Biologist, MS
Victoria Lopez Corominas	Physician, MD

Victoriano Garre Mula	Biologist, PhD
Vincent Janssens	Physician, MD
Violeta Gómez Vicente	Biologist, PhD
Virginia Pascual Renedo	Pharmacist, MS
Xavier Solé Acha	Physician, PhD, Computer Engineer, BS
Xosé Manuel Meijome Sánchez	Nurser, Dip
Zaira Modroño Berdiñas	Physicist, PhD
Zurine Foronda Rojo	Physician, MD
Margarita Lobo	Pharmacist, PhD
María Belén Vidriales	Physician, PhD
Juan Bernal Carrasco	Physician, PhD
Rafael Selgas Sanchis	Biologist, PhD
María Carmen García García	Physician, MD
Manuel Bernal Sprekelsen	Physician, PhD
Juan Antonio Baena Fustegueras	Physician, PhD
Eugeniu Stepanov	Physiotherapist, Dipl
Carlos Vega de las Heras	Chemist, PhD
Mariano Collantes	Biologist, MS
Beatriz Permuy Rey	Psychologist, MS
Julián Chaves	Envioemental Sciences, MS
Pedro Castillo Pérez	Physician, MD
Francesc Ventura	Chemist, PhD
Cristóbal José Gallego Castillo	Engineer, Eng
Antonio Marín Medina	Psychologist, BS
Álvaro Lozano Rojo	Mathematician, PhD
Pilar Cubas	Biologist, PhD
Mark van Raaij	Chemist, PhD
Fernando Bartolomé Usieto	Physicist, PhD
Rubén Vigara Benito	Mathematician, PhD
Alessandra Campo García	Nurser, Dipl
María Jesús Ripalda Crespo	Physician, PhD
Carlos Alejaldre Losilla	Physicist, PhD
Ana Gimenez	Physician, MD
Francisco Mario Santos Mogroviejo	Nurser, Dipl
María José Sanmartín Grijalba	Biologist, BS
Lorena de Bengoechea	Physician, MD
Enrique Pérez Sáez	Psychologist, PhD
Aser Donado Bermejo	Physiotherapist, Gr
Gloria Fuentes Carrillo	Nurser, Dipl
Ana Martínez García	Biologist, PhD
Laura Núñez González	Pharmacist, BS

Ignacio Manuel Giménez Alba	Nurser, MS
Andrés Gené Sampedro	Optics, PhD
Armando Arias Esteban	Biologist, PhD
Ricardo Calderon Gonzalez	Biologist, PhD
Aranzazu Alfaro Saez	Physician, PhD
Rosa M Carabaño Luengo	Agronomical Sciences, PhD
Alberto Solé Benet	Geologist, BS
Alberto Melián Ortiz	Physiotherapist, PhD
Desire Molina Alcaide	Pharmacist, BS

SWITZERLAND

Name	Academic training
Ruben Ramalho	Biochemist, PhD
Jonas Koch	Biologist, PhD
Carlos Galan Boluda	Biologist, PhD
Jean-Marc Neuhaus	Biologist, PhD
Marc Serulla	Biomedical Sciences, MS
Natalia Guerrero	Chemist, MS
Pascal Diethelm	Economist, MS
Hermann Kloeti	Forest sciences, MS
Florian Sutter	Physician, MD
Lukas Pfenninger	Physician, MD
Jürg Bärtschi	Physician, MD
Antonio Medina Betancor	Physician, PhD
Kristiina Kuusik	Physician, PhD
Francesco La Spada	Biologist, PhD
Mathieu Rebeaud	Biochemist, PhD
Anthony Guihur	Biologist, PhD
Marc Robinson-Rechavi	Doctorat (PhD)
Goettelmann Florian	Biologist, MS
Roger Burger	Chemist, MS
Philippe Compagnon	Physician, MD
Bruno Fauvet	Biologist, PhD
Isabelle Vallon Dianor	Nurse, Dipl
Ferrer Marc	Geologist, BS
Vicent Della Santa	Physician, MD
Stephan M. Langenbach	Psychologist, MS

UNITED KINGDOM

Name	Academic training
Inigo Urrutia Irazabal	Biochemist, MS
Frank Odds	Biochemist, PhD
Simon Kay	Bioinformatics, BS
Arturo Lonighi	Biologist, MS
Ingrid Grueso Dominguez	Biologist, MS
Elena Armenteros Monterroso	Biologist, PhD
Rafael Romero Garcia	Biologist, PhD
Pablo Porras Millan	Biologist, PhD
Begoña Martinez Cruz	Biologist, PhD
Elena Cibrian Uhalte	Biologist, PhD
Fidel Alfaro Almagro	Biologist, PhD
Alfredo Castello	Biologist, PhD
Clement Degut	Biologist, PhD
Ana Ibarz	Biologist, PhD
Peter Brennan	Biologist, PhD
D. Ceri Davies	Biologist, PhD
Dr J Mervyn Darville	Biologist, PhD
Belinda Gallardo Armas	Biologist, PhD
Oscar Marín	Biologist, PhD
Greg Szulgit	Biologist, PhD
Yaiza del Pozo Martin	Biologist, PhD
Maria Clara Castellanos	Biologist, PhD
Janica Auluck	Biologist, PhD
Daniel Martínez Martínez	Biologist, PhD
Steven Jupe	Biologist, PhD
Francis Galaway	Biologist, PhD
Ross Thorne	Biologist, PhD
Larissa Zarate-Garcia	Biologist, PhD
Ana Gallego Cortes	Biotechnologist, MS
Alexandre Havard	Chemical Engineer, MS
Philip Creed	Chemical engineer, PhD
David Ruiz Izuriaga	Chemist, MS
Marta Diez Castellnou	Chemist, PhD
Tim McGregor	Computer Engineer, Eng
Javier Escudero Rodriguez	Engineer, PhD
Francois Maignen	Pharmacist, BS
Caroline Conti	Pharmacist, BS

Marie Drago	Pharmacist, PhD
Juan Antonio Vizcaino	Pharmacist, PhD
Edzard Ernst	Physician, PhD
Simon Carpenter	Physician; MD
Andrés Ulibarrena Díaz	Physicist, BS
Juan Díaz del Monte	Physicist, BS, Engineer, Eng
Jonathan Machado Rodríguez	Physicist, MS
Lucas Lacasa	Physicist, PhD
Beñat Gurrutxaga-Lerma	Physicist, PhD
Miguel Maravall	Physicist, PhD
Laura Martinez Maestro	Physicist, PhD
Miquel Nebot	Physicist, PhD
Steven Bagiencki	Psychologist, BS
John Shimwell	Psychologist, BS
Joachim Ryan	Psychologist, PhD
Michael Heap	Psychologist, PhD
Magda Osman	Psychologist, PhD
Christopher French	Psychology, PhD
Leeza Osipenko	System engineer, PhD
Stephen Morgan	Psychologist, BS
Susan Bewley	Physician, MD
Michael Baum	Physician, MD
Les Rose	Biologist, BS
Daniel Saunders	Physician, MD
Roger Fiskén	Physician, MD
Cyril Pernet	Psychologist, PhD
Morgan David	Psychologist, BS
David Colquhoun FRS	Biologist, PhD
Prof Paul Brateman	Chemist, PhD
Dr Michael A Ward	Biologist, PhD
Steve Pells	Biochemist, PhD
Kathleen Barrett	Health Sciences, PhD
Michele Sandelson	Nutrition Sciences, BS
Caroline Richmond	Biologist, MS
Maciej Zatonski	Physician, PhD
Jay Brown	Biochemist, PhD
Anabela Pinto	Biologist, MS
Elda Camacho	Physician, MD

UNITED STATES

Name	Academic training
Francisco Espejo Porras	Biochemist, PhD
Elizabeth Diago Navarro	Biochemist, PhD
Vanesa Martínez Díaz	Biologist, MS
Luis Tecedor	Biologist, PhD
Damien Ferhadian	Biologist, PhD
Maria Dzunkova	Biologist, PhD
Jorge Marques Signes	Biologist, PhD
William M. London	Biologist, PhD
Sandra Franco Iborra	Biologist, PhD
Hugo Calligaro	Biologist, PhD
Silvie Aarts	Biomedical Sciences, MS
Julien Ellie	Engineer, Eng
John Allen Paulos	Mathematics, PhD
Benjamin L Wolozin	Physician, PhD
David H. Gorski	Physician, PhD
David Willey	Physicist, MS
Roberto Alonso	Physicist, PhD
Beatriz González del Rio	Physicist, PhD
Alberto Rojo	Physicist, PhD
Bryan Farha	Psychologist, PhD
Mateo Leganes-Fonteneau	Psychologist, PhD
Terence Hines	Psychologist, PhD
Steven Pinker	Psychologist, PhD
Lawrence Patihis	Psychologist, PhD
Amanda Seiglet	Veterinary Sciences, BS
Nuria Vendrell Llopis	Engineer, PhD
Jay Lee	Physiotherapist, BS
Thomas Zipp	Physician, MD
Chris Denham	Physiotherapist, BS
Andrew Pavlatos	Physician, MD
Daniel Pyron	Nurser, Dipl
Christopher Gunson	Veterinary Sciences, PhD
Christopher Graviss	Physician, MD
Daniel K. Mangum	Physician, MD
Maria Pino	Biologist, PhD
Paul Ernsberger	Biologist, PhD
Preston M. Jones	Chemist, PhD
Robert B Choate	Chemist, PhD

Alan Keiser	Geologist, BS
Shawn W Adams	Physician, MD
William Hay	Physician, MD
Carl Shuster	Biologist, MS

SIGNERS FROM OTHER COUNTRIES

Name	Country	Academic training
Eric Sylvestre	Andorre	Physician, MD
Bismarck Pinto Tapia	Bolivia	Psychologist, PhD
Nestor Correia	Brazil	Physicist, PhD
Rodolfo Carmago de Freitas	Brazil	Physicist, PhD
Natalia Pasternak	Brazil	Biologist, PhD
Felipe Nogueira	Brazil	Computer engineer, PhD
Hristo Hristov	Bulgaria	Physician, MS
Aleksandra Georgieva	Bulgaria	Economist, MS
Diana Yaneva	Bulgaria	Physician, MS
Jonathan Jarry	Canada	Biochemist, MS
Cristina Ramos Perez	Canada	Biologist, PhD
John R. Vokey	Canada	Psychologist, PhD
Olivier Bernard	Canada	Pharmacist, MS
David Saintonge	Canada	Biologist, BS
Amy May Porter	Canada	Psychologist, BS
Juan E. Muñoz	Canada	Physician, PhD
Gérémy Sannier	Canada	Biologist, BS
Mario Ferreiro González	Canada	Engineer, MS
Enrique Bernárdez Rodríguez	Chile	Geologist, PhD
Paola Peñaloza cortez	Chile	Phonaudiologist, Dipl
Pablo Olmos de Aguilera Corradini	Chile	Physician, MD
María Paz Bertoglia Arredondo	Chile	Physiotherapist, BS
Luis Antonio Tapia Armijo	Chile	Psychologist, BS
Carlos Passi Capdeville	Chile	Psychologist, MS
Jorge A. Bergado	Colombia	Biologist, PhD
Kalil Kafury	Colombia	Physician, MD
Angel Galván	Colombia	Physician, MD
Carolina Sierra Muñoz	Colombia	Physician, MD
Fernando Suárez Obando	Colombia	Physician, MD
Sebastián Rueda	Colombia	Physicist, BS
Luis Carlos Silva Aycaguer	Cuba	Matematician, PhD in Healt Sciences
Jorge Ignacio Díaz Cabrera	Cuba	Physician, MS

Eduardo Baguer Pérez	Cuba	Physicist, BS
Rafael Torresanchez	Cuba	Physicist, MS
Arnaldo González Arias	Cuba	Physicist, PhD
Forcade	Cuba	Physicist, PhD
Antonio Lopez Garcia	Finland	Historian, PhD
Simon Granroth	Finland	Physiotherapist, Dipl
Sanal Edamaruku	Finland	Journalist, BS
Electra Sofou	Greece	Chemist, MS
Gkagkaridou	Greece	Biologist, BS
Laura Zaragoza Infante	Greece	Biotechnologist, MS
George Moustris	Greece	Computer engineer, PhD
Katerina Karagkiaouri	Greece	Nurse, Dipl
Sudesh Ghoderao	India	Chemist, PhD
Ekbal Bappukunju	India	Physician, MD
Patrick Murphy	Ireland	Psychologist, PhD
Michelle Kelly	Ireland	Psychologist, PhD
Vanesa Martínez	Ireland	Biochemist, PhD
Arlyng González Vázquez	Ireland	Biologist, PhD
Alan Tennyson	Ireland	Psychologist, MS
Michael Nolan	Ireland	Chemist, PhD, Engineer, Eng
Julia Fernández Pérez	Ireland	Biologist, MS
Irina	Latvia	Lawyer, PhD candidate
Jere Niemi	Latvia	Pharmacist, MS
Timothy Zammit	Malta	Mathematician, BS
Youssef Oufaska	Marroco	Computer engineer, Eng
El idrissi Slitine	Marroco	Physician, MD
Carolina Palacios Guevara	Mexico	Biologist, BS
Rafael Almendra-Pegueros	Mexico	Nutritionist, BS
Iván Ruiz Morfín	Mexico	Physician, MD
Pablo Roig	Mexico	Physicist, PhD
Carlos Antonio Sánchez Ramírez	Mexico	Psychologist, BS
Roselia Jaramillo Morales	Mexico	Psychologist, BS
Thania Bravo	Mexico	Psychologist, MS
Javier Delgado Martínez	Mexico	Sociologist, MS
Luis Beas	México	Physician, MD
Cesar Bernal Ortega	Mexico	Biologist, BS
Juan Carlos García Ramos	México	Psychologist, BS
Jaime Alberto Madrigal Pulido	México	Biologist, PhD
Michael Edmonds	New Zealand	Chemist, PhD
Maria del Pilar Ayuda Durán	Norway	Biologist, PhD
Paul Brown	Norway	Physician, PhD

Matias Augusto Mora Venialgo	Paraguay	Physiotherapist, BS
Greta Kiomi Ventocilla Marquez	Peru	Biomedical Sciences, BS
Joel Jones	Peru	Physicist, PhD
Nikita N. Khromov-Borisov	Russia	Biologist, PhD
Sergei Inge-Vechtomov	Russia	Biologist, PhD
Rostislav Polishchuk	Russia	Mathematician, PhD, Physicist, BS
Valerii Kuvakin	Russia	Philosopher, PhD
Yuri N. Efremov	Russia	Physicist, PhD
Sergey Pulkin	Russia	Physicist, PhD
Nikolai Kamichev	Russia	Biologist, PhD
Boris Margulis	Russia	Biologist, PhD
Alexander Panchin	Russia	Computer engineer, PhD
Evgeny Alexandrov	Russia	Physician, PhD
Mikhail Arkhipov	Russia	Physicist, PhD
Maja Kosanovic	Serbia	Biologist, PhD
Matjaž Gregorič	Slovenia	Biologist, PhD
Frank van der Kooy	South Africa	Chemist, PhD
David Milstead	Sweden	Physicist, PhD
Andrés Romero Bravo	Sweden	Biologist, BS
Pedro Morell Miranda	Sweden	Biologist, MS
Ulrike Nilsson Schöneich	Sweden	Nurser, Dipl
Maxime Garcia	Sweden	Biologist, PhD
Juan Carlos Zamora Señoret	Sweden	Pharmacist, PhD
Tiago Cortinhal	Sweden	Computer Engineer, Eng
María Ángeles Burgos Simón	Sweden	Physicist, PhD
Giacomo Bertacchi	United Arab Emirates	Physician, MD
Hugo Donner	Uruguay	Engineer, Eng
Álvaro Farías	Uruguay	Psychologist, BS
Rafael Rey	Uruguay	Sociologist, MS
Humberto López-Fernández	Venezuela	Physician, MD